



(033) 2350-9210, 2360-7586, 6501-6584

BANGABASI MORNING COLLEGE

19, RAJKUMAR CHAKRABORTY SARANI
KOLKATA- 700 009

RE - ACCREDITED WITH GRADE 'A' BY NAAC

website: <http://www.bangabasimorning.edu.in>, Email ID: bangabasimorning@gmail.com

Add-on Programme/ Certificate Course (Online) on Basics of Data Analysis organized by Department of Economics

Basics of Data Analysis

This course equips you with the tools and techniques to analyze economic data, extract meaningful insights, and apply them to real-world economic problems. This course is designed for students with a basic understanding of economics and statistics. It is beneficial for aspiring economists, researchers, and anyone interested in using data to analyze economic trends and phenomena. Learning objectives are: to understand different sources and types of economic data (government data, surveys, and market data), to develop skills in data acquisition, cleaning, manipulation, and management using relevant software, to master descriptive statistics for summarizing and visualizing economic data (frequency tables, measures of central tendency and dispersion), to learn basic econometric techniques like linear regression to analyze relationships between economic variables and to communicate economic findings effectively using tables, graphs, and economic jargon. This intensive course provides a crash course in the fundamentals of data analysis, equipping you with the skills to clean, explore, and analyze data for insights within a focused timeframe.

To make students career-ready, the Department of Economics introduced an Add-on Course on Basics of Data Analysis during odd semester of 2020-21 Academic session. This 30 hours course started from 01.12.2020 to 23.12.2020. 543 students participated and successfully completed the course.

Syllabus

Module 1: Introduction & Data Wrangling (8 Hours)

- What is data analysis and its importance?
- The data analysis life cycle.
- Types of data (numerical, categorical, etc.).
- Introduction to data visualization.
- Introduction to a data analysis tool (e.g., Excel, Google Sheets).
- Hands-on exercises: Importing data, understanding data types.
- Data cleaning techniques: Identifying and handling missing values, outliers.
- Hands-on exercises: Cleaning and organizing data.
- Data manipulation (sorting, filtering, combining datasets).
- Hands-on exercises: Data manipulation exercises with real-world datasets.

Module 2: Data Exploration & Visualization (8 Hours)

- Introduction to Exploratory Data Analysis (EDA) techniques.

Anita Das

Principal
Bangabasi Morning College
Kolkata - 700009





(033) 2350-9210, 2360-7586, 6501-6584

BANGABASI MORNING COLLEGE

19, RAJKUMAR CHAKRABORTY SARANI
KOLKATA- 700 009

RE - ACCREDITED WITH GRADE 'A' BY NAAC

website: <http://www.bangabasimorning.edu.in>, Email ID: bangabasimorning@gmail.com

- Measures of central tendency (mean, median, mode).
- Measures of dispersion (variance, standard deviation).
- Hands-on exercises: Calculating and interpreting central tendency and dispersion.
- Basics of data visualization (bar charts, histograms, scatter plots).
- Choosing the right chart for different data types.
- Creating data visualizations using the chosen tool.
- Hands-on exercises: Building visualizations for different data scenarios.

Module 3: Foundational Statistics & Storytelling (8 Hours)

- Understanding basic probability and statistics concepts.
- Descriptive statistics (summarizing data with key metrics).
- Introduction to inferential statistics (drawing conclusions from data).
- Hypothesis testing: Basics of formulating and testing hypotheses.
- Hands-on exercises: Analyzing a case study using hypothesis testing.
- Confidence intervals: Understanding variability & margin of error.
- Correlation and association: Identifying relationships between variables.
- Introduction to data storytelling: Communicating insights using visuals and explanations.

Assessment (6 hours):

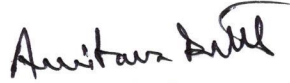
- Course review & Q&A..
- Final Project: Applying learned skills to a real-world data analysis task. This can be individual or group-based, with guidance from the instructor. Students will clean, explore, analyze a chosen dataset and present their findings using visualizations and storytelling techniques.

Software:

- Microsoft Excel (or Google Sheets)

Instructors: Dr. Nilanjan Patra, Dr. Bimal Sarkar, Pallabi Paul




Principal
Bangabasi Morning College
Kolkata - 700009



(033) 2350-9210, 2360-7586, 6501-6584

BANGABASI MORNING COLLEGE

19, RAJKUMAR CHAKRABORTY SARANI
KOLKATA- 700 009

RE - ACCREDITED WITH GRADE 'A' BY NAAC

website: <http://www.bangabasimorning.edu.in>, Email ID: bangabasimorning@gmail.com

Flyer



Add on Course on Basics of Data Analysis

Organized by
Economics Department



Dates :

**01.12.2020 to
23.12.2020**

This course equips you with the tools and techniques to analyze economic data, extract meaningful insights, and apply them to real-world economic problems. This intensive course provides a crash course in the fundamentals of data analysis, equipping you with the skills to clean, explore, and analyze data for insights within a focused timeframe



Anita Das

Principal
Bangabasi Morning College
Kolkata - 700009



(033) 2350-9210, 2360-7586, 6501-6584

BANGABASI MORNING COLLEGE

19, RAJKUMAR CHAKRABORTY SARANI
KOLKATA- 700 009

RE - ACCREDITED WITH GRADE 'A' BY NAAC

website: <http://www.bangabasimorning.edu.in>, Email ID: bangabasimorning@gmail.com



(033) 2350-9210, 2360-7586, 6501-6584

BANGABASI MORNING COLLEGE

19, RAJKUMAR CHAKRABORTY SARANI
KOLKATA- 700 009

RE - ACCREDITED WITH GRADE 'A' BY NAAC

website: <http://www.bangabasimorning.edu.in>, Email ID: bangabasimorning@gmail.com

Date: 23.11.2020

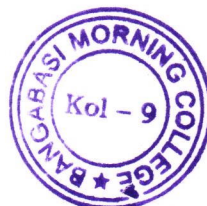
Notice

This is to inform you that the Department of Economics will conduct a 30 hours Online Add-on Course on Basics of Data Analysis (Course coordinator: Dr. Bimal Sarkar) (01.12.2020 to 23.12.2020).

This course will be inaugurated by the Principal and Coordinator, I.Q.A.C on 01.12.2020 at 9 AM online.

Teacher-in-charge
Bangabasi Morning College

Teacher - in - Charge
Bangabasi Morning College



Principal
Bangabasi Morning College
Kolkata - 700009



(033) 2350-9210, 2360-7586, 6501-6584

BANGABASI MORNING COLLEGE

19, RAJKUMAR CHAKRABORTY SARANI

KOLKATA- 700 009

RE - ACCREDITED WITH GRADE 'A' BY NAACwebsite: <http://www.bangabasimorning.edu.in>, Email ID: bangabasimorning@gmail.com**List of Students**

Students enrolled for Course on Basics of Data Analysis (01.12.2020 to 23.12.2020)		
Sl. No.	Name	CU Regn. No.
1	RAHUL MIDDYA	144-1111-0018-20
2	SOUADIP SAHA	144-1111-0022-20
3	KESHAV MUDGAL SHARMA	144-1111-0028-20
4	EHTESHAM AZIZ	144-1111-0034-20
5	MD DILSHAD ANSARI	144-1111-0037-20
6	NABHONIL DEY	144-1111-0040-20
7	ABHISHEK MUKHERJEE	144-1111-0045-20
8	MD AMINUDDIN QADRI	144-1111-0048-20
9	MOJAMIL SHAFIQUE	144-1111-0051-20
10	MOJAFAR RAHMAN	144-1111-0056-20
11	RIZWAN AHMED	144-1111-0058-20
12	MD KAMRAN	144-1111-0060-20
13	SOHAIB ALI KHAN	144-1111-0061-20
14	DIBAKAR TALUKDER	144-1111-0064-20
15	ARYAMANN SINGH	144-1111-0065-20
16	SRIJIT KUMAR DAS	144-1111-0069-20
17	PRITAM SARKAR	144-1111-0071-20
18	CHINMOY PRADHAN	144-1111-0075-20
19	ARNAB MONDAL	144-1111-0077-20
20	ROHIT CHOWDHURY	144-1111-0080-20
21	SUNETRA DAS	144-1111-0085-20
22	FARDEEN NIZAM	144-1111-0086-20
23	ARYA PAUL	144-1111-0087-20
24	SAYAK GUCHHAIT	144-1111-0106-20
25	SUPRIYO GUHA ROY	144-1111-0108-20
26	INGIT DAS	144-1111-0110-20
27	FIRDOS GAZI	144-1111-0115-20
28	SHAYAN ARSH SHEIKH	144-1111-0116-20
29	MD SAFAUDDIN	144-1111-0118-20
30	ABHISEK BAIDYA	144-1111-0124-20
31	RAHUL MONDAL	144-1111-0125-20
32	NAVIN SHAW	144-1111-0129-20
33	RAHUL PRASAD	144-1111-0139-20
34	RAJU PRASAD	144-1111-0140-20
35	SHANKAR SINGH	144-1111-0145-20
36	AJIT KUMAR SHAW	144-1111-0153-20
37	RAHUL KUMAR MAHATO	144-1111-0155-20
38	MOTI THAKUR	144-1111-0159-20
39	ANURAG SHAW	144-1111-0166-20
40	RAJNEESH KEOT	144-1111-0167-20
41	BIKASH SINGH	144-1111-0168-20
42	MD AFROZ ANSARI	144-1111-0175-20
43	GOURAV SINGH	144-1111-0176-20
44	AAYUSH GANGULY	144-1111-0179-20
45	MEHJABAN HUSSAIN	144-1111-0180-20
46	MD SHAHID	144-1111-0181-20

*Aniswar Datta*Principal
Bangabasi Morning College
Kolkata - 700009



(033) 2350-9210, 2360-7586, 6501-6584

BANGABASI MORNING COLLEGE19, RAJKUMAR CHAKRABORTY SARANI
KOLKATA- 700 009**RE - ACCREDITED WITH GRADE 'A' BY NAAC**website: <http://www.bangabasimorning.edu.in>, Email ID: bangabasimorning@gmail.com

Students enrolled for Course on Basics of Data Analysis (01.12.2020 to 23.12.2020)		
Sl. No.	Name	CU Regn. No.
47	ASIDUR RAHAMAN	144-1111-0182-20
48	RIVAJ ALI	144-1111-0184-20
49	ASFAHAN SHAHID	144-1111-0188-20
50	SUMAN DEY	144-1111-0190-20
51	GHULAM HAIDAR SHAMSI	144-1111-0191-20
52	MD NAFISH	144-1111-0195-20
53	TUHIN DEY	144-1111-0198-20
54	FAHIM FIRDOUS	144-1111-0203-20
55	MD FAIZAN	144-1111-0204-20
56	MD TASLEEM ANSARI	144-1111-0205-20
57	KASIM OBAIDULLAH	144-1111-0206-20
58	ARIJIT PRADHAN	144-1111-0214-20
59	NILAVO CHAKRABORTY	144-1111-0215-20
60	MOHD SHAHZADAH	144-1111-0217-20
61	MD GUFRAN	144-1111-0218-20
62	MD SAJID	144-1111-0219-20
63	TAUFIQUE ALAM	144-1111-0221-20
64	DEEP BISWAS	144-1111-0223-20
65	AYAN KUMAR DE	144-1111-0224-20
66	MD SULTAN KHAN	144-1111-0225-20
67	TANMOY DAS	144-1111-0226-20
68	DIPANKAR ROY	144-1111-0227-20
69	MD NIMAZUDDIN	144-1111-0229-20
70	MIJANUL HOQUE	144-1111-0231-20
71	MD JASIM NADDAF	144-1111-0233-20
72	ABHI KUNDU	144-1111-0235-20
73	MD SHADAB ALAM	144-1111-0239-20
74	SAHBAZ ALAM	144-1111-0240-20
75	AMAN KUMAR JAISWAL	144-1111-0249-20
76	MD GUFRAN ALAM	144-1111-0252-20
77	PRIYANKA GUPTA	144-1111-0254-20
78	MD HASSAN	144-1111-0257-20
79	ABHISHEK KUMAR SINGH	144-1111-0258-20
80	SOURAV HALDER	144-1111-0263-20
81	PRASHANT KUMAR SINHA	144-1111-0265-20
82	FAZAL HOSSAIN	144-1111-0266-20
83	ANUP GIRI	144-1111-0269-20
84	MD TAUSIF	144-1111-0276-20
85	MAYANK JHA	144-1111-0277-20
86	MD FAKHRUDDIN	144-1111-0278-20
87	ROHIT TIWARI	144-1111-0279-20
88	DEBABRATA DAS	144-1111-0287-20
89	AARUNI CHATTERJEE	144-1111-0290-20
90	ANKIT KUMAR SINGH	144-1111-0295-20
91	DIPRAJ GANGULY	144-1111-0302-20
92	ROHAN SARKAR	144-1111-0303-20



Anis Faruk

Principal
Bangabasi Morning College
Kolkata - 700009



(033) 2350-9210, 2360-7586, 6501-6584

BANGABASI MORNING COLLEGE19, RAJKUMAR CHAKRABORTY SARANI
KOLKATA- 700 009**RE - ACCREDITED WITH GRADE 'A' BY NAAC**website: <http://www.bangabasimorning.edu.in>, Email ID: bangabasimorning@gmail.com

Students enrolled for Course on Basics of Data Analysis (01.12.2020 to 23.12.2020)		
Sl. No.	Name	CU Regn. No.
93	DEEP CHOWDHURY	144-1111-0309-20
94	SOUVIK DALAL	144-1111-0312-20
95	PRASENJIT GHOSHAL	144-1111-0314-20
96	SUBHAM MONDAL	144-1111-0315-20
97	BHARAT AGARWAL	144-1111-0317-20
98	MD SHARIQUE ALAM	144-1111-0318-20
99	MAITRISH SAMANTA	144-1111-0319-20
100	WASI AHMED KHAN	144-1111-0320-20
101	KASIF ALI	144-1111-0321-20
102	SOUMYAJIT ROY	144-1111-0322-20
103	NANIGOPAL DAS	144-1111-0323-20
104	SUBHAM GHOSH	144-1111-0325-20
105	DHRUBAJYOTI DEY	144-1111-0327-20
106	SK NAIMUDDIN	144-1111-0328-20
107	ROHAN KUMAR MANDAL	144-1111-0330-20
108	MD AKBAR	144-1111-0331-20
109	SAYAN PAL	144-1111-0332-20
110	ABDUR RAHMAN	144-1111-0333-20
111	HASIBUR RAHMAN	144-1111-0334-20
112	SAGAR MONDAL	144-1111-0335-20
113	KAUSHIK DAS	144-1111-0339-20
114	SUMAN RAM KANU	144-1111-0340-20
115	SOURAJEET SARKAR	144-1111-0342-20
116	AVINASH JHA	144-1111-0344-20
117	SOUGATA DE	144-1111-0345-20
118	ANURAG BOSE	144-1111-0347-20
119	AYUSH PRASAD BURNWAL	144-1111-0348-20
120	SUSMIT MUKHERJEE	144-1111-0349-20
121	AJIT KUMAR SINGH	144-1111-0350-20
122	KRISHNENDU BHUNYA	144-1111-0351-20
123	KOUSHAL SAHA	144-1111-0352-20
124	MD KAUSAR	144-1111-0353-20
125	ABHAY GUPTA	144-1111-0354-20
126	KUMAR DIPTI MANNA	144-1111-0360-20
127	ROUNAK ABID	144-1111-0361-20
128	SUBHRAJYOTI MALLIK	144-1111-0363-20
129	SHIVAM SHAW	144-1111-0365-20
130	CHANDAN CHOWDHARY	144-1111-0366-20
131	RAJAN YADAV	144-1111-0367-20
132	MD SAHIDULLAH	144-1111-0369-20
133	DINESH KUMAR SHAW	144-1111-0370-20
134	SAMYA BISWAS	144-1111-0374-20
135	ABHISHEK YADAV	144-1111-0376-20
136	ALANGIR SK	144-1111-0377-20
137	RANIT BANERJEE	144-1111-0378-20
138	NEERAJ KUMAR SHAW	144-1111-0382-20

*Anis Kumar***Principal**
Bangabasi Morning College
Kolkata - 700009



(033) 2350-9210, 2360-7586, 6501-6584

BANGABASI MORNING COLLEGE

19, RAJKUMAR CHAKRABORTY SARANI
KOLKATA- 700 009

RE - ACCREDITED WITH GRADE 'A' BY NAAC

website: <http://www.bangabasimorning.edu.in>, Email ID: bangabasimorning@gmail.com

Students enrolled for Course on Basics of Data Analysis (01.12.2020 to 23.12.2020)		
Sl. No.	Name	CU Regn. No.
139	GUDDU KUMAR	144-1111-0383-20
140	ANKIT SHARMA	144-1111-0384-20
141	SAQLAIN QAMAR	144-1111-0387-20
142	NADIM AKHTAR	144-1111-0389-20
143	SAIKAT PAN	144-1111-0391-20
144	AYAN ABDULLAH	144-1111-0393-20
145	ROHIT KUMAR RAM	144-1111-0394-20
146	YESIR ARAFAT	144-1111-0395-20
147	ANAND MOHAN JHA	144-1111-0396-20
148	AMAN SHAW	144-1111-0398-20
149	SONU DUBEY	144-1111-0399-20
150	MD DANISH	144-1111-0401-20
151	ROHAN AGRAHARI	144-1111-0403-20
152	RAHUL SHAW	144-1111-0404-20
153	KIRAN SARKAR	144-1111-0406-20
154	PRAJNA PATRANABISH	144-1111-0412-20
155	POULAM BASAK	144-1111-0413-20
156	SEIKH AABID HOSSAIN	144-1111-0414-20
157	MD SAMIR	144-1111-0415-20
158	SUSHOBHAN DEY	144-1111-0429-20
159	AMARTYA PAL	144-1111-0434-20
160	PRITYANGSHU SINHA	144-1111-0437-20
161	ROHIT DEY	144-1111-0443-20
162	ANKAN PAUL	144-1111-0449-20
163	SUBHOJIT SARKAR	144-1111-0450-20
164	SK IMRAN	144-1111-0452-20
165	SUBRATA SHARMA	144-1111-0453-20
166	SUBIR CHAKRABORTY	144-1111-0454-20
167	MOHADEB SAHA	144-1111-0455-20
168	DEBAPRIYA GHOSAL	144-1111-0466-20
169	MOHAMMED JUNAID SAJID	144-1111-0468-20
170	IMRAN NAZIR	144-1111-0470-20
171	NASIM AKTAR	144-1111-0471-20
172	RATNADEEP CHATTERJEE	144-1111-0472-20
173	HEMANT RATHI	144-1111-0474-20
174	BISWAJIT SINGHA	144-1111-0476-20
175	MD IMRAN	144-1111-0477-20
176	MAYUKH GHOSH	144-1111-0480-20
177	BISHWAJIT MANNA	144-1111-0485-20
178	CHANDAN SINGH	144-1111-0488-20
179	ANIRBAN SETI	144-1111-0489-20
180	SAIYAD TAUQIR ALAM	144-1111-0490-20
181	MD SAIF	144-1111-0491-20
182	MD FAISAL IMTIAZ	144-1111-0492-20
183	ASADULLA NEHAL	144-1111-0493-20
184	RITIK KUMAR MANDAL	144-1111-0498-20



Anita Dey

Principal
Bangabasi Morning College
Kolkata - 700009



(033) 2350-9210, 2360-7586, 6501-6584

BANGABASI MORNING COLLEGE19, RAJKUMAR CHAKRABORTY SARANI
KOLKATA- 700 009**RE - ACCREDITED WITH GRADE 'A' BY NAAC**website: <http://www.bangabasimorning.edu.in>, Email ID: bangabasimorning@gmail.com

Students enrolled for Course on Basics of Data Analysis (01.12.2020 to 23.12.2020)		
Sl. No.	Name	CU Regn. No.
185	NISHANT PRASAD	144-1111-0500-20
186	AMAN KUMAR SHARMA	144-1111-0501-20
187	RAHUL KUMAR MAHATO	144-1111-0503-20
188	VISHAL SHAW	144-1111-0504-20
189	RAJA DAS	144-1111-0507-20
190	MD SAMIR	144-1111-0509-20
191	MD MOINUDDIN	144-1111-0510-20
192	PRIYANSHU DHAR	144-1111-0512-20
193	SUMIT DUBEY	144-1111-0513-20
194	SOURAV KUMAR SHAW	144-1111-0514-20
195	ROHIT SHAIKH	144-1111-0517-20
196	RAGHUNATH JHA	144-1111-0518-20
197	KAILASH SHAW	144-1111-0519-20
198	SOHAIB ANWAR	144-1111-0523-20
199	S M DILSHAD ALAM	144-1111-0524-20
200	SUBINAY GHOSH	144-1111-0525-20
201	AYAN BANERJEE	144-1111-0531-20
202	ABIR SAHA	144-1111-0532-20
203	SOUMIK BASAK	144-1111-0533-20
204	SURAJ MAJUMDAR	144-1111-0534-20
205	MD REYAZ HAIDER	144-1111-0536-20
206	PRITAM THAKUR	144-1111-0537-20
207	MD MOZAMMIL KHAN	144-1111-0541-20
208	IRSHAD ANSARI	144-1111-0543-20
209	DEV KUMAR ROY	144-1111-0544-20
210	AMIT KUMAR GUPTA	144-1111-0545-20
211	VICKY SINGH	144-1111-0548-20
212	SUMAN PAUL	144-1111-0549-20
213	SUNIL PRAJAPATI	144-1111-0550-20
214	ARJUN PRASAD	144-1111-0555-20
215	AKHILESH CHOWDHARI	144-1111-0557-20
216	KISHAN KUMAR SINGH	144-1111-0558-20
217	ROHAN KR PRASAD	144-1111-0560-20
218	BIVAS RANA	144-1111-0561-20
219	SANTOSH MAHATO	144-1111-0563-20
220	ADNAN RAZA	144-1111-0565-20
221	MANTOSH KUMAR YADAV	144-1111-0567-20
222	MD TAUSIF HASSAN	144-1111-0569-20
223	KARAN KUMAR SHAW	144-1111-0570-20
224	INDRESH PASWAN	144-1111-0571-20
225	BIKRAM KUMAR SINGH	144-1111-0572-20
226	RAKTI RAKSHIT	144-1111-0573-20
227	ROHIT KR SHAW	144-1111-0575-20
228	OMKAR YADAV	144-1111-0576-20
229	SUBHODEEP DEY	144-1111-0577-20
230	KOUSHICK BISWAS	144-1111-0578-20

*Anisara Khatun***Principal**
Bangabasi Morning College
Kolkata - 700009



(033) 2350-9210, 2360-7586, 6501-6584

BANGABASI MORNING COLLEGE

19, RAJKUMAR CHAKRABORTY SARANI
KOLKATA- 700 009

RE - ACCREDITED WITH GRADE 'A' BY NAAC

website: <http://www.bangabasimorning.edu.in>, Email ID: bangabasimorning@gmail.com

Students enrolled for Course on Basics of Data Analysis (01.12.2020 to 23.12.2020)		
Sl. No.	Name	CU Regn. No.
231	REETIK KUMAR SINGH	144-1111-0579-20
232	RANJAN VERMA	144-1111-0580-20
233	MD AYYAZ HAIDER	144-1111-0581-20
234	SHASHI JHA	144-1111-0582-20
235	VIKRAM RAUT	144-1111-0583-20
236	SAROJ RAY	144-1111-0584-20
237	SK AKHIB	144-1111-0586-20
238	SAMRAT BERA	144-1111-0588-20
239	ASHRAFUL ISLAM	144-1111-0589-20
240	HEMANT BAGARIA	144-1111-0592-20
241	RAJU PRASAD	144-1111-0593-20
242	MD AMAAN	144-1111-0594-20
243	MD SAMSD	144-1111-0595-20
244	AMIT KUMAR SHAW	144-1111-0597-20
245	VICKY KUMAR SHAW	144-1111-0598-20
246	SONU KUMAR SHAW	144-1111-0599-20
247	BELAL ARAFAT	144-1111-0600-20
248	YUVARAJ PRASAD	144-1111-0601-20
249	ABAR UL AHSAN	144-1111-0602-20
250	DIPAK KUMAR BISWAKARMA	144-1111-0604-20
251	AFTAB ALAM	144-1111-0605-20
252	ARUN KUMAR SHAW	144-1111-0606-20
253	HARIOM KUMAR JHA	144-1111-0607-20
254	HISHAM UDDIN	144-1111-0608-20
255	ATHER REZA ALI	144-1111-0610-20
256	SHIVAM SHAW	144-1111-0611-20
257	SUMAN PANDEY	144-1111-0612-20
258	MD ALTAF HASAN	144-1111-0613-20
259	RAJ BHAGAT	144-1111-0615-20
260	AYUSH PRASAD	144-1111-0616-20
261	ANISH KUMAR SINGH	144-1111-0617-20
262	RAJDIP CHANDRA ROY	144-1111-0618-20
263	BAPPA SHEKH	144-1111-0619-20
264	TUSHAR YADAV	144-1111-0620-20
265	ANKIT SINGH	144-1111-0621-20
266	ABHISHEK SAH	144-1111-0623-20
267	SUVAM JHA	144-1111-0624-20
268	VIKASH KHARWAR	144-1111-0625-20
269	RITTIK KUMAR GUPTA	144-1111-0626-20
270	RAHUL JHA	144-1111-0627-20
271	SAYANTAN ROY	144-1111-0629-20
272	ANIKET BAHADUR	144-1111-0630-20
273	PARAS YADAV	144-1111-0631-20
274	ARPAN JANA	144-1111-0633-20
275	ANKIT RAJAK	144-1111-0634-20
276	JAYPRAKASH MUKHIYA	144-1111-0635-20



Ananta Kumar

Principal
Bangabasi Morning College
Kolkata - 700009



(033) 2350-9210, 2360-7586, 6501-6584

BANGABASI MORNING COLLEGE

19, RAJKUMAR CHAKRABORTY SARANI

KOLKATA- 700 009

RE - ACCREDITED WITH GRADE 'A' BY NAAC

website: <http://www.bangabasimorning.edu.in>, Email ID: bangabasimorning@gmail.com

Students enrolled for Course on Basics of Data Analysis (01.12.2020 to 23.12.2020)		
Sl. No.	Name	CU Regn. No.
277	SHUBHAM SAHU	144-1111-0636-20
278	ANIKET SHARMA	144-1111-0637-20
279	KARAN AGRAHARI	144-1111-0638-20
280	AMAN PRASAD	144-1111-0639-20
281	ARNAB SAHA	144-1111-0640-20
282	SYED AQIB RAFI	144-1111-0641-20
283	SARUPDIP SAHA	144-1111-0642-20
284	SK TOUCHID	144-1111-0643-20
285	SHAUHAT NADEEM	144-1111-0645-20
286	ABHJIT PANDEY	144-1111-0781-19
287	ABHINABA SARKAR	144-1111-0526-19
288	ABHINAY KUMAR KHARWAR	144-1111-1686-19
289	ABHISEK KUMAR SINGH	144-1111-1337-19
290	ABHISHEK GUPTA	144-1111-1533-19
291	ABHISHEK YADAV	144-1111-1594-19
292	ABHISHEK CHAKRABORTY	144-1111-1353-19
293	ABHISHEK CHOUDHARY	144-1111-0601-19
294	ABHISHEK GHOSH	144-1111-1104-19
295	ABHISHEK GUPTA	144-1111-1533-19
296	ABHISHEK KR DUBEY	144-1111-0321-19
297	ABHISHEK KR SINGH	144-1111-0718-19
298	ABHISHEK KUMAR JHA	144-1111-0603-19
299	ABHISHEK KUMAR JHA	144-1111-0603-19
300	ABHISHEK KUMAR PANDEY	144-1111-0521-19
301	ABHISHEK KUMAR SHARMA	144-1111-0626-19
302	ABHISHEK MUNDA	144-1111-1400-19
303	ABHISHEK PRAJAPATI	144-1111-0901-19
304	ABHISHEK RAM	144-1111-1360-19
305	ABHISHEK RAY	144-1111-0975-19
306	ABHISHEK ROY	144-1111-0823-19
307	ABHISHEK SHAW	144-1111-0878-19
308	ABHISHEK SHAW	144-1111-0878-19
309	ABHISHEK SINGH	144-1111-0630-19
310	ABHISHEK SINGH	144-1111-0630-19
311	ABHISHEK THAKUR	144-1111-0666-19
312	ABIDA KHATOON	144-1211-0212-19
313	ABIDA KHATUN	144-1211-1036-19
314	ABIR KUMAR POREL	144-1111-1423-19
315	ABIR SINGHA ROY	144-1111-0748-19
316	ABRAR ALI	144-1111-0324-19
317	ACHAL AGARWAL	144-1211-0730-19
318	ADARSH SHUKLA	144-1111-0783-19
319	ADARSH KUMAR SHAW	144-1111-0377-19
320	ADESH MONDAL	144-1111-1225-19
321	ADIL HUSSAIN	144-1111-0771-19
322	ADITI BASAK	144-1211-0472-19



Anisara
Principal
Bangabasi Morning College
Kolkata - 700009



(033) 2350-9210, 2360-7586, 6501-6584

BANGABASI MORNING COLLEGE19, RAJKUMAR CHAKRABORTY SARANI
KOLKATA- 700 009**RE - ACCREDITED WITH GRADE 'A' BY NAAC**website: <http://www.bangabasimorning.edu.in>, Email ID: bangabasimorning@gmail.com

Students enrolled for Course on Basics of Data Analysis (01.12.2020 to 23.12.2020)		
Sl. No.	Name	CU Regn. No.
323	ADITI BHOWMICK	144-1211-0072-19
324	ADITI DAW	144-1211-0023-19
325	ADITI SINGHA	144-1211-0066-19
326	ADITIYA HELA	144-1111-1359-19
327	ADITYA JAISWAL	144-1111-0668-19
328	ADITYA KUMAR SINGH	144-1111-1421-19
329	ADNAN HUSSAIN	144-1111-0531-19
330	ADNAN SHAMIM	144-1111-0337-19
331	ADRIJA DAS	144-1211-0761-19
332	AFIFA WARSI	144-1211-0898-19
333	AFREEN TABBASSUM	144-1215-0398-19
334	AFRIN FIROZ	144-1211-0268-19
335	AFROZA KHATOON	144-1211-1587-19
336	AFTAB HUSSAIN	144-1111-1033-19
337	AGNI CHAKRABORTY	144-1111-1025-19
338	AHAMED REJA	144-1111-1698-19
339	AISHARYA ROY	144-1211-0149-19
340	AISHWARYA MISHRA	144-1211-0479-19
341	AJAY KUMAR SHAW	144-1111-0757-19
342	AJAY PANDEY	144-1111-1201-19
343	AJIT KUMAR MAHATO	144-1111-1571-19
344	AJIT MISHRA	144-1111-0364-19
345	AJOY PATWARI	144-1111-0853-19
346	AKANKSHA PATEL	144-1211-1064-19
347	AKANKSHA UPADHAYAY	144-1211-1722-19
348	AKANSHA SINGH	144-1211-1038-19
349	AKASH ADHIKARI	144-1111-0400-19
350	AKASH DUTTA	144-1111-1374-19
351	AKASH GHORAI	144-1112-1344-19
352	AKASH RAJBANSHI	144-1111-1447-19
353	AKASH SHARMA	144-1111-0676-19
354	AKASH CHANDRA GUPTA	144-1111-0559-19
355	AKASH DEY	144-1111-1115-19
356	AKASH DEY	144-1111-1115-19
357	AKASH GHOSH	144-1111-1482-19
358	AKASH GUPTA	144-1111-1725-19
359	AKASH KUMAR GIRI	144-1111-1561-19
360	AKASH KUMAR MAHATO	144-1111-0174-19
361	AKASH KUMAR RAY	144-1111-1350-19
362	AKASH LAL	144-1111-1490-19
363	AKASH MANDAL	144-1112-0241-19
364	AKASH PRASAD KUSHWAHA	144-1111-1572-19
365	AKASH SARKAR	144-1111-1841-19
366	AKASH SEN	144-1111-1366-19
367	AKASH SHARMA	144-1111-0676-19
368	AKASH SHARMA	144-1111-0676-19

*Anurupa Das*Principal
Bangabasi Morning College
Kolkata - 700009



(033) 2350-9210, 2360-7586, 6501-6584

BANGABASI MORNING COLLEGE

19, RAJKUMAR CHAKRABORTY SARANI

KOLKATA- 700 009

RE - ACCREDITED WITH GRADE 'A' BY NAACwebsite: <http://www.bangabasimorning.edu.in>, Email ID: bangabasimorning@gmail.com

Students enrolled for Course on Basics of Data Analysis (01.12.2020 to 23.12.2020)		
Sl. No.	Name	CU Regn. No.
369	AKASH SHAW	144-1111-1573-19
370	ALISHA BEGUM	131-1211-0016-18
371	ALOK KUMAR JHA	144-1111-0639-19
372	ALOK RANJAN SINGH	144-1111-1395-19
373	AMAL OJHA	144-1111-0221-19
374	AMAN CHOWDHARY	144-1111-0889-19
375	AMAN PANDEY	144-1111-1519-19
376	AMAN SINGH	144-1111-0782-19
377	AMAN THAKUR	144-1111-1377-19
378	AMAN KUMAR SHAW	144-1111-1647-19
379	AMAN KUMAR SINGH	144-1111-1727-19
380	AMAN KUMAR SINHA	144-1111-1658-19
381	AMAN PRASAD	144-1111-0627-19
382	AMAR KUMAR PODDAR	144-1111-0665-19
383	AMAR NATH MAHATO	144-1111-1348-19
384	AMINA KHATOON	144-1211-0721-19
385	AMIR SOHAIL ANSARI	144-1111-1107-19
386	AMIRUDDIN KHAN	144-1111-0707-19
387	AMISHA SHAW	144-1211-0916-19
388	AMIT HALDER	144-1111-1627-19
389	AMIT RANA	144-1111-1518-19
390	AMIT KUMAR SAH	144-1111-0346-19
391	AMIT MALLICK	144-1111-0845-19
392	AMIT MITRA	144-1111-1467-19
393	AMIT PRASAD	144-1111-1621-19
394	AMIT PRASAD	144-1111-1621-19
395	AMIT SINGH	144-1111-1738-19
396	AMNA BEGUM	144-1211-1523-19
397	AMRIN NISHA	144-1211-1003-19
398	AMRITA DAS	144-1212-0446-19
399	ANAM FATMA	144-1211-0622-19
400	ANAMIKA KARN	144-1211-1364-19
401	ANAMIKA ROY	144-1212-1075-19
402	ANAND SHAW	144-1111-1515-19
403	ANANYA ROY	144-1212-0319-19
404	ANANYA GHOSH	144-1211-1761-19
405	ANAS AHSAN	144-1111-0300-19
406	ANIKAT KUMAR DAS	144-1111-1254-19
407	ANIKET PAUL	144-1111-0768-19
408	ANIKET SHARMA	144-2111-1839-19
409	ANIKET BHARATI	144-1111-0654-19
410	ANIKET CHOWDHURY	144-1111-0117-19
411	ANIKET KUMAR SAH	144-1111-1096-19
412	ANIKET KUMAR SHAW	144-1111-0691-19
413	ANIKET ROY ROY	144-1111-0554-19
414	ANIKET SINGH	144-1111-0851-19



Anubrata Das

Principal
Bangabasi Morning College
Kolkata - 700009



(033) 2350-9210, 2360-7586, 6501-6584

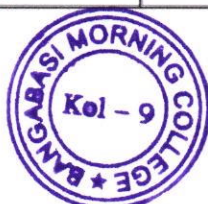
BANGABASI MORNING COLLEGE

19, RAJKUMAR CHAKRABORTY SARANI

KOLKATA- 700 009

RE - ACCREDITED WITH GRADE 'A' BY NAACwebsite: <http://www.bangabasimorning.edu.in>, Email ID: bangabasimorning@gmail.com

Students enrolled for Course on Basics of Data Analysis (01.12.2020 to 23.12.2020)		
Sl. No.	Name	CU Regn. No.
415	ANIL KR THAKUR	144-1111-0143-19
416	ANIMA SARKAR	144-1211-0094-19
417	ANIMESH MONDAL	144-1112-0136-19
418	ANIMESH MANDAL	144-1112-1072-19
419	ANINDA DEY	144-1111-1816-19
420	ANINDA MONDAL	144-1112-0510-19
421	ANINDITA SAHA	144-1211-0553-19
422	ANINDITA BHATTACHARYA	144-1211-0588-19
423	ANINDITA DAS	144-1211-1197-19
424	ANINDITA SAHA	144-1211-0553-19
425	ANINDYA DUTTA	144-1111-1358-19
426	ANIRUDH KUMAR SHARMA	144-1111-0499-19
427	ANISH CHAKI	144-1111-0712-19
428	ANISH KUMAR YADUKA	144-1111-1730-19
429	ANISHA MAHATO	144-1211-0222-19
430	ANITA SHAW	144-1211-1234-19
431	ANJALI MANDAL	144-1211-0677-19
432	ANJALI BALMIKI	144-1211-0202-19
433	ANJALI CHOWDHARY	144-1211-0573-19
434	ANJALI GARODIA	144-1211-0701-19
435	ANJALI KUMARI PRASAD	144-1211-0228-19
436	ANJALI MAHATO	144-1212-0814-19
437	ANJALI MISHRA	144-1211-0168-19
438	ANJALI PANDEY	144-1211-1693-19
439	ANJAN ADHIKARI	144-1111-0881-19
440	ANKAJ KUMAR THAKUR	144-1111-1029-19
441	ANKAN MUKHERJEE	144-1111-0632-19
442	ANKIT PANDIT	144-1111-0162-19
443	ANKIT RAM	144-1111-1378-19
444	ANKIT BEHARA	144-1111-0502-19
445	ANKIT KUMAR GIRI	144-1111-0421-19
446	ANKIT KUMAR GUPTA	144-1111-0602-19
447	ANKIT KUMAR SINGH	144-1111-1577-19
448	ANKIT KUMAR SINGH	144-1111-1577-19
449	ANKIT SAHA	144-1111-0536-19
450	ANKIT SHARMA	144-1111-1590-19
451	ANKITA JAISWAL	144-1211-0859-19
452	ANKITA BOSE	144-1211-0436-19
453	ANKITA DAS	144-1211-0045-19
454	ANKITA SHAW	144-1211-0773-19
455	ANKITA SINGH	144-1211-0368-19
456	ANKUSH RAI	144-1111-1318-19
457	ANSHUMAN THAKUR	144-1111-0847-19
458	ANTIM MONDAL	144-1111-1355-19
459	ANUBHAV PAUL	144-1111-1292-19
460	ANUBRATA MAJUMDAR	144-1112-0298-19



Anita Paul

Principal
Bangabasi Morning College
Kolkata - 700009



(033) 2350-9210, 2360-7586, 6501-6584

BANGABASI MORNING COLLEGE19, RAJKUMAR CHAKRABORTY SARANI
KOLKATA- 700 009**RE - ACCREDITED WITH GRADE 'A' BY NAAC**website: <http://www.bangabasimorning.edu.in>, Email ID: bangabasimorning@gmail.com

Students enrolled for Course on Basics of Data Analysis (01.12.2020 to 23.12.2020)		
Sl. No.	Name	CU Regn. No.
461	ANUJ AGARWAL	144-1111-0882-19
462	ANUJ KUMAR	144-1111-0077-19
463	ANUP DUTTA	144-1111-0120-19
464	ANURADHA KUMARI	144-1211-0717-19
465	ANURUPA RAKSHIT	144-1211-0011-19
466	ANUSHKA MEHARIA	144-1211-0877-19
467	ANUSKA GUPTA	144-1211-0741-19
468	ANUSREE SARKAR	144-1211-0809-19
469	ANUSREE BHOWMICK	144-1211-0514-19
470	APURBO DEY	144-1111-1502-19
471	APURBA BAKULI	144-1111-1507-19
472	APURVA VERMA	144-1211-0340-19
473	ARCHANA JAISWAL	144-1211-0670-19
474	ARCHANA SHAW	144-1211-1228-19
475	ARFA KHATOON	144-1211-1325-19
476	ARGHYA DEY	144-1111-0304-19
477	ARGHYADEEP CHAKRABORTY	144-1111-0289-19
478	ARIJIT JANA	144-1111-1335-19
479	ARINA KHAN	144-1211-1793-19
480	ARINDAM MAJI	144-1111-0299-19
481	ARITRA MAJUMDER	144-1111-1530-19
482	ARJUN DAS	144-1111-0110-19
483	ARNAB SENGUPTA	144-1111-0024-19
484	ARPAN PAUL	144-1111-1069-19
485	ARPITA SAHA	144-1211-0788-19
486	ARPITA BISWAS	144-1211-0215-19
487	ARPITA CHAKRABORTY	144-1211-0001-19
488	ARPITA GHOSAL	144-1211-1271-19
489	ARPITA PAUL	144-1211-0002-19
490	ARPITA SAHA	144-1211-0788-19
491	ARSHI FATIMA	144-1211-0883-19
492	ARSHI HUSSAIN	144-1211-0799-19
493	ARTI KUMARI	144-1211-0012-19
494	ARTI KUMARI SHAW	144-1211-1669-19
495	ARTI SHAW	144-1214-0128-19
496	ARTIC DUTTA	144-1111-1147-19
497	ARUNABHA MAZUMDER	144-1111-1262-19
498	ARUNJIT ADHYA	144-1111-0010-19
499	ARUP HAZRA	144-1111-1398-19
500	ARVIL KARMAKAR	144-1111-0678-19
501	ARVIND CHOWDHURY	144-1111-0752-19
502	ARYAN JAISWAL	144-1111-1635-19
503	ARYAN VERMA	144-1111-0786-19
504	ASAD ALI SIDDIQUI	144-1111-0667-19
505	ASHA MONDAL	514-1212-0686-18
506	ASHIF KARIM	144-1111-0830-19

*Anisara Paul***Principal**
Bangabasi Morning College
Kolkata - 700009



(033) 2350-9210, 2360-7586, 6501-6584

BANGABASI MORNING COLLEGE19, RAJKUMAR CHAKRABORTY SARANI
KOLKATA- 700 009**RE - ACCREDITED WITH GRADE 'A' BY NAAC**website: <http://www.bangabasimorning.edu.in>, Email ID: bangabasimorning@gmail.com

Students enrolled for Course on Basics of Data Analysis (01.12.2020 to 23.12.2020)		
Sl. No.	Name	CU Regn. No.
507	ASHISH DAS	144-1112-1509-19
508	ASHISH KR RAM	144-1111-0595-19
509	ASHISH KUMAR	144-1111-1386-19
510	ASHISH KUMAR JHA	144-1111-1798-19
511	ASHISH KUMAR SHAW	144-1111-1258-19
512	ASIF ALAM	144-1111-0448-19
513	ATIF SHAIL	144-1111-0661-19
514	ATIFA KHAN	144-1211-1855-19
515	ATIQUE FARAZ	144-1111-1630-19
516	ATTIYA NAYEEM	144-1211-1235-19
517	ATUL KUMAR SINGH	144-1111-0173-19
518	AVHISHEK JHA	144-1111-0636-19
519	AVIJIT CHOWDHURY	144-1112-1076-19
520	AVIK SAHA	144-1112-1041-19
521	AVINASH DAS	144-1112-0932-19
522	PRASAD MONDAL	144-1112-0496-19
523	PRASANTA SARKAR	144-1111-0104-19
524	PRASENJIT DEY	144-1111-0119-19
525	PRASHANT KUMAR	144-1111-0578-19
526	PRASHANT KUMAR JHA	144-1111-1719-19
527	PRASUN CHAKRABORTY	144-1111-0929-19
528	PRATIK SEWAG	144-1111-0824-19
529	PRAVIN KUMAR RAY	144-1111-0821-19
530	PRAYAS NATH	144-1114-1825-19
531	PREETI SINGH	144-1211-0722-19
532	PREM KUMAR PARAMANIK	144-1111-1181-19
533	PREM KUMAR RAY	144-1111-0800-19
534	PRERONA ROY	144-1211-0485-19
535	PRINCE KUMAR RAM	144-1111-0147-19
536	PRINCE KUMAR SHAW	144-1111-1838-19
537	PRITAM KUMARI YADAV	144-1211-0737-19
538	PRIYA THAKUR	144-1211-1200-19
539	PRIYAM DUTTA	144-1111-1099-19
540	PRIYANKA AGARWAL	144-1211-0751-19
541	PRIYANKA CHOWDHURY	144-1211-0237-19
542	PRIYANKA SINGH	144-1211-0980-19
543	PRIYANKA BAGCHI	144-1211-0427-19

**Principal**
Bangabasi Morning College
Kolkata - 700009



(033) 2350-9210, 2360-7586, 6501-6584

BANGABASI MORNING COLLEGE

19, RAJKUMAR CHAKRABORTY SARANI
KOLKATA- 700 009

RE - ACCREDITED WITH GRADE 'A' BY NAAC

website: <http://www.bangabasimorning.edu.in>, Email ID: bangabasimorning@gmail.com

Bangabasi Morning College

30 Hours Add-on Course on Basics of Data Analysis

Organized by
Economics Department

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT **PRIYA THAKUR** HAS SUCCESSFULLY
COMPLETED THE COURSE

Shipra Halder
TIC
Bangabasi Morning College

Bangabasi Morning College

30 Hours Add-on Course on Basics of Data Analysis

Organized by
Economics Department

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT **RIYAJ ALI** HAS SUCCESSFULLY
COMPLETED THE COURSE

Shipra Halder
TIC
Bangabasi Morning College



Principal
Bangabasi Morning College
Kolkata - 700009