

# SOURAV BANIK

## Data Analyst



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### Profile

Analytically-minded entry-level data analyst with a strong background in data manipulation and reporting. Proficient in SQL, Excel, and Python, adept at creating dashboards and visualizations to present key findings. Motivated to leverage data-driven insights to optimize processes and enhance decision-making

### Education

#### **MTech in Computer Science & Engineering, 2020**

Bankura Unnayani Institute of Engineering, Bankura (8.3 CGPA),

Maulana Abul Kalam Azad University of Technology (MAKAUT), West Bengal

#### **BTech in Computer Science & Engineering, 2016**

B. P. Poddar Institute of Management and Technology, Kolkata (7.2 CGPA), MAKAUT, West Bengal

#### **Diploma in Computer Science & Technology, 2013**

ICV Polytechnic, Jhargram (75.8%), West Bengal State Council of Technical Education, West Bengal

### Skills

- |                   |                    |              |
|-------------------|--------------------|--------------|
| • Python          | • Numpy            | • Matplotlib |
| • SQL             | • Power BI         | • Pandas     |
| • Microsoft Excel | • Machine learning |              |

### Project

#### **Amazon sales data analysis**

- Sales Management has gained importance to meet increasing competition and the need for improved methods of distribution to reduce cost and to increase profits. Sales management today is the most important function in a commercial and business enterprise. Do ETL : Extract-Transform-Load some Amazon datasets and find for me Sales-trend -> month wise , year wise , yearly\_month wise Find key metrics and factors and show the meaningful relationships between attributes.
- Jupyter Notebook, Power BI, MS Excel

#### **YouTube Web data scraping project**

- Extract the video URL of the first five videos.
- Extract the URL of the video thumbnails, title, number of views, and time of the first five videos.
- Save all the data scraped in the above questions in a CSV file.
- Create a simple UI with all functionalities mentioned above and deploy it in AWS.
- Jupiter Notebook, AWS, Mongo DB

#### **Credit-Card-Default-Predictor using ML**

- Financial threats are displaying a trend in the credit risk of commercial banks as incredible improvement in the financial industry has arisen. In this way, one of the biggest threats faces by commercial banks is the risk prediction of credit clients. The goal is to predict the probability of credit default based on credit card owners' characteristics and payment history.
- NumPy, Pandas, scikit-learn, Mathplotlib, Flask

### Courses

#### **Data Science Masters by PW Skills. 2023**

### Experience

- Lecturer in Computer Science and Technology, 2017 to Till
  - KPS Institute of Polytechnic, Hooghly, West Bengal