

# Ms. Sulagna Dey

Data Analyst | Certified Power BI Specialist | Industry Insights & Visualisation Expert



[✉](mailto:dey.sulagna01@gmail.com) dey.sulagna01@gmail.com [☎](tel:+918116806480) +91 8116806480

[📍](#) Kolkata, India [🌐](#) LinkedIn

## Profile

MSc Computer Science graduate and BSc Gold Medalist specializing in Data Analysis and Machine Learning. **Certified Microsoft Power BI PL-300 Specialist** with hands-on expertise in **Python, SQL, Tableau, and Power BI**. Proven ability to **automate workflows, deliver actionable insights, and develop industry-leading reports that drive business decisions**. Seeking a **Data Analyst role** to transform complex data into meaningful strategies.

## Professional Experience

### AlCircle

Data Analyst [📄](#)

- Collected critical aluminium market data, automated pipelines, and created interactive Power BI dashboards, boosting report generation speed by 70%.
- Delivered monthly industry reports driving 35% higher client engagement.

07/2025 – Present  
Kolkata, India

### Mechanismic Inc.

Data Analyst Intern [📄](#)

- Automated data scraping from **500+ sources**, reducing manual work by **95%**.
- Improved email campaign performance by **60%** via data-driven analysis.

## Projects

### Aluminium Flat-Rolled Products Insights & Forecast Report [📄](#)

Collected and cleaned large-scale industry data, built visualizations in Power BI to track market trends, and delivered insights influencing strategic decisions in the aluminium sector.

### City of London Crime Data Visualisation [📄](#)

A Tableau dashboard visualising the various types and distributions of crime perpetrated in the City of London between 2023-25.

- Created Tableau visualizations highlighting crime types, hotspots, and seasonal trends, supporting targeted law enforcement interventions.

## **MambaBERT: Efficient Long-Text Sentiment Analysis with Mamba SSM Sentiment Analysis** [🔗](#)

*Mamba SSM-powered BERT for efficient long-text sentiment analysis in Python in Linux-based cloud environments.*

- Developed a hybrid Mamba SSM + BERT model for efficient long-text sentiment analysis in cloud environments, improving processing speed and reducing compute costs.

## **Skills**

Power BI | AI driven Excel & Google Sheets | Copilot | Tableau | Python | SQL

## **Certificates**

**Microsoft Power BI Data Analyst (PL-300)** [🔗](#)

**Tata Data Visualisation: Empowering Business with Effective Insights** [🔗](#)

**Tata GenAI Powered Data Analytics** [🔗](#)

**Deloitte Australia Data Analytics Job Simulation** [🔗](#)

Deloitte Australia

**Certificate in Python and R programming** [🔗](#)

from St. Xavier's College (Autonomous), Kolkata

**Bootcamp on Big Data and Data Science** [🔗](#)

from NIELIT, Ministry of Electronics and Information Technology, Government of India

**Bootcamp on Blockchain and Big Data Analytics** [🔗](#)

from NIELIT, Ministry of Electronics and Information Technology, Government of India

## **Education**

**M.Sc. Computer Science**

*St. Xavier's College (Autonomous), Kolkata* [🔗](#)

08/2023 –

07/2025

Kolkata, India

**B.Sc. Computer Science**

*Midnapore College (Autonomous), Midnapore* [🔗](#)

09/2020 –

07/2023

Midnapore, India

**Gold Medalist, CGPA – 9.29**

**School**

*Mission Girls' High School*

Secondary – 88.85%

Higher Secondary – 88.8%

06/2020

Midnapore, India