

# SUBHAM DEY

West Bengal, India

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## Summary

Aspiring Data Analyst with a solid foundation in statistical analysis, data visualization, and data-driven decision-making. Skilled in Python, SQL, Excel and various data visualization tools to uncover actionable insights. Eager to leverage data expertise to support strategic initiatives and drive business growth.

## Education

**Asansol Engineering College (MAKAUT University)**

*Bachelor of Technology in Computer Science and Engineering: (SGPA- 7.6 / 10)*

**Aug. 2022 - June 2026**

*West Bengal, India*

## Technical Skills

**Languages and Databases:** Python, MySQL

**Libraries:** Numpy, Pandas, Matplotlib, Seaborn, Scikit-Learn

**Visualization Tools:** Power BI (DAX)

**Soft Skills:** Problem Solving, Leadership, Self-learning, Fast-learner

**Other Skills:** Excel, Data Analysis, Machine Learning, Git

## Personal Projects

**Customer Churn Prediction | Python, EDA, Data Cleaning, Data Processing - [LINK](#)**

**June 2024**

- Developed a machine learning prediction model, our aim is to predict the churn of a customer using some features.
- Model used: Logistic Regression, Decision-Tree, Random-Forest, Gradient-Boosting Classifier.
- Gradient Boost classifier achieved a mean cross-validation score of 96% among the other classification model.

**Credit Card Report Analysis Using Power Bi | SQL, Power Bi, Dashboard Creation - [LINK](#)**

**June 2024**

- Analyze Revenue by week and quarter, age group, job, education level which helps us to improve the revenue by 10 %.
- Developed an interactive dashboard using transaction and customer data from a SQL database to provide real-time insights.
- Streamlined data processing and analysis to monitor key performance metrics and trends.

**Employees Attrition Analysis | SQL, Data manipulation - [LINK](#)**

**June 2024**

- Analyze the total employees, average salary, available jobs, performance of the employee, which helps us to understand employee's behavior.
- Implemented various SQL queries i.e. salary hike based on their performance and experience, overtime working, which helps us to understand the insight of the company's attrition by 10%.

**Sales Report Dashboard Using Power Bi | SQL, Power Bi, Data Cleaning, Data Processing - [LINK](#)**

**May 2024**

- Developed an interactive dashboard and analyzing the sales from 2014 to 2017 and also analyze the sales and profit by state, sales by segment, sales forecast which help us to improve the customer satisfaction by 12%.
- Created metrics to discover the total profit, total sales as well as top 5 profit products, which improve the sales revenue by 10 % YOY.

**IPL Data Analysis using Excel | Excel, Pivot-Table, Pivot-Chart - [LINK](#)**

**Dec 2023**

- Evaluated player performance based on batting, bowling, and fielding statistics. Calculated key performance indicators (KPIs) such as strike rate, economy rate, average runs per match, and player rankings.
- Analyzed team performance metrics such as win-loss records, run rates, batting averages, bowling averages, and fielding statistics to assess each team's strengths and weaknesses.
- Created visually appealing and informative charts, graphs, and dashboards in Excel to present analysis findings effectively. Utilized features like pivot tables, slicers, and conditional formatting to enhance data visualization.