Data Analyst

SANTOSH KR. MAJHI

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Skills

- SQL (SQL Server, MySQL, PostgreSQL)
- Python (Pandas, NumPy, SciPy, MatPlotLib)
- Tableau
- Excel (VLookup, Conditional Formatting, Pivot Tables)
- Microsoft Azure (DataBricks, Azure Data Lake, Azure Data Warehouse)
- ML
- Microsoft Power BI

Projects

WORLD HAPPINESS DATA ANALYSIS – Personal Project   April 2025

- **Cleaned and analyzed global happiness data** using Python to explore how GDP, health, freedom, and trust impact happiness across regions.
- **Generated visual insights** including scatter plots, heatmaps, pie charts, and interactive maps using Plotly and Matplotlib.
- **Developed a multi-visualization dashboard** to support data storytelling and inform data-driven policy recommendations.

2024 STACK OVERFLOW SURVEY DASHBOARD – Personal Project   April 2025

- **Built a Tableau dashboard** to visualize insights from 250K+ global developer survey responses.
- **Cleaned and analyzed data in Python** (**Pandas**, **NumPy**) to identify tech trends and developer preferences.
- **Provided insights on languages, databases, and platforms** to support strategic tech decisions.

PRESENTATION ON STACK OVERFLOW SURVEY – Personal Project   April 2025

- **Analyzed 2024 Stack Overflow Survey data** to identify trends in tech usage, developer demographics, and emerging tools.
- **Built a data-driven dashboard** showcasing insights for hiring, training, and tech stack decisions.
- **Highlighted key technologies** (**PostgreSQL**, **Redis**, **React**, **Supabase**) to support industry-aligned strategies.

HOUSE SALES ANALYSIS IN KING COUNTY, USA – Personal Project   March 2025

- **Performed EDA on King County housing data** to identify pricing trends and influential factors.
- **Developed regression models** (**Linear**, **Decision Tree**) to accurately predict house prices.
- **Used Python tools (Pandas**, **Matplotlib**, **Scikit-learn)** for **data preprocessing, modeling,** and **visualization.**

CHICAGO INSIGHTS: CRIME, EDUCATION & SOCIOECONOMICS ANALYSIS – Personal Project   March 2025

- **Analyzed public datasets (crime, education, socioeconomic) using SQL** to identify key patterns and policy insights.
- **Built efficient SQL queries and dashboards** to monitor crime, school performance, and neighborhood metrics.
- **Integrated multi-source data** to uncover relationships between community factors and outcomes.

Work Experience

- Fresher with a focus on data analysis and related skills.

Education

BACHELOR OF COMMERCE(GEN) – Calcutta University – Kolkata, WB (2017-2021)   August 2021
Subjects: Accounting, Economics, Finance, Management, Marketing, and Statistics.

Certifications

DATA ANALYST CERTIFICATION
Certified Data Analyst and Excel specialist by IBM.

RELEVANT COURSES: Data Analysis, Database Management, Python Programming, Statistics.