

Mukesh Patil

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EXPERIENCE

RajYug IT Solutions Pvt. Ltd | *Data Science Intern*

Sep 2024 - Present

- Designed and implemented 12 dashboards using Power BI, Microsoft Fabric, and Python, increasing user engagement by 30%.
- Streamlined real-time data processing by 25%, integrating 4 internal platforms via Microsoft Fabric.
- Built and optimized ETL processes using SSIS and Microsoft Fabric, ensuring efficient data integration and seamless workflows. Enhanced data quality by 20% through preprocessing and feature engineering.

SKILLS

Languages: Python, SQL, Java

Libraries: Scikit-Learn, Matplotlib, Flask, BeautifulSoup, NLP, OpenCV, TensorFlow, PyTorch

Tools: Power BI, Excel, PowerPoint, Tableau, SQLite, Github

Database: MySQL, Microsoft SQL Server, PostgreSQL

Techniques: Exploratory Data Analysis (EDA), Machine Learning, Statistical Analysis, Model Validation, Performance Tuning, Data Preprocessing, Cleaning.

PROJECTS

Tenant Default Risk Prediction | *Python, Machine Learning, Flask, Pandas, Numpy, HTML, CSS*

[Github](#)

- Built a tenant default prediction model with **80%** accuracy using Python, analyzing demographics, lease details, and credit history to reduce financial risks.
- Engineered key features like debt-to-income ratio, boosting model performance by **20%**, and implemented Logistic Regression and Gradient Boosting models.
- Built a Flask web interface for real-time risk assessment and providing actionable insights.

Sales Performance Analysis of Walmart | *MySQL, PowerPoint, Power BI*

[Github](#)

- Conducted sales analysis for 3 Walmart branches, identifying the top branch with 15% sales growth.
- Segmented **1,000+** customers into high, medium, and low spenders based on purchase behavior, identifying repeat customers who made purchases within 30 days.
- Highlighted 20% higher sales on Fridays and identified popular payment methods across 3 cities.

Retail and Supply Chain Analysis | *Power BI, PostgreSQL*

[Github](#)

- Led the development of a comprehensive Retail and Supply Chain Analysis dashboard using Power BI, enabling over 5 stakeholders to track procurement, logistics, and inventory management performance.
- Engaged with **5** key stakeholders to identify reporting requirements, ensuring needs of different users.
- Including supply chain managers and financial planners,

EDUCATION

Bachelor of Technology - Data Science

May 2024

R. C. Patel Institute of Technology, Shirpur, Maharashtra

CGPA: **8.19**

Higher Secondary Education

March 2020

R. C. Patel Jr College, Shirpur, Maharashtra

Percentage: **82.46**

CERTIFICATES

Chatbot for College Website | *Research Paper*

[Link](#)

SQL - 4 Star | *by Hacker Rank*

[Link](#)