Vanshita Patil

xxxxxxxx | Gmail | Linkedin | Github

### Summary

Experienced Data Analyst seeking a {job\_title} position, with expertise in {skills}. Eager to contribute to a forward-thinking organization by leveraging my strong foundation in data gathering, processing, and analysis.

### Technical Skills

Languages: Python, SQL, R

Libraries: Numpy, Pandas, Matplotlib, Scikit-Learn, Plotly

Data Analysis and Visualization: Excel, Power BI, Tableau

Cloud Services: Azure (Data Storage, Management, and Analytics)

### Experience

#### First Quadrant Labs (Internship)

\*\*Apr 2024 - Jun 2024\*\*

• Developed a vehicle accident severity prediction model addressing data imbalance challenges.

• Used advanced ML techniques and resampling for effective handling of imbalanced datasets.

• Implemented strategies for fine-tuning algorithms and optimizing hyperparameters.

• Successfully deployed the model for proactive accident management.

#### Sparknet Innovations

\*\*Dec 2023 - Jun 2024\*\*

• Leveraged Python and SQL for comprehensive data analysis and manipulation.

• Developed and optimized interactive visualizations in Power BI.

• Conducted a POC for Auto Refresh Data, enhancing reporting efficiency.

• Integrated Azure services for robust data storage and management solutions.

• Delivered actionable insights through detailed data visualizations, improving decision-making processes.

### Projects

\*\*Customer Churn Prediction\*\* | Python, Plotly, Pandas, Scikit-learn, Power BI

• Developed a customer churn prediction model for an e-commerce platform.

• Utilized EDA and machine learning for accurate predictions.

• Integrated model to proactively manage customer churn.

• Developed a visually appealing and user-friendly dashboard interface to display churn prediction metrics.

• Incorporated interactive features allowing stakeholders to explore customer churn trends and patterns.

\*\*Indian Premier League Analysis\*\* | Python, PowerBI

• Performed in-depth analysis of Indian Premier League (IPL) data utilizing Power BI and DAX.

• Aggregated and visualized extensive IPL match data to uncover key insights, trends, and performance metrics of teams and players.

• Created dynamic and interactive dashboards with DAX for real-time analysis and data-driven decision-making.

### Education

\*\*University of Mumbai\*\*

Bachelor of Science in Information Technology

\*\*2020 - 2023\*\*

\*\*Boston Institute of Analytics\*\*

Diploma in Data Science and Artificial Intelligence

\*\*2023 - 2024\*\*