Data Analyst/ Business Analyst

# YASH PAWAR

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## About Me

I am a recent graduate with a degree in computer engineering with a passion for data analysis. I'm proficient in programming languages such as python and SQL. Through hands-on projects and internships, I have gained practical experience in data cleaning, modelling and visualization. I'm really excited to apply my knowledge to real-world projects and contribute to data-driven decision making to drive business growth and innovation.

## Education

**BACHELOR IN COMPUTER ENGINEERING** – Savitribai Phule Pune University, Pune                    **June 2023**
 Major: Computer Engineering
CGPA: 8.14

## Work Experience

**ETLHIVE TRAINING INSTITUTE – Pune, India**                              **June 2023 - June 2024**
- Achieved mastery in a diverse technology stack, encompassing Python, SQL, Power BI, Tableau, and Machine Learning, underscoring a robust skill set for proficient data analysis and impactful visualization.
- Implemented supervised and unsupervised machine learning models to architect predictive models.

## Skills

- SQL
- Python & Python Libraries
- Microsoft Power BI
- Microsoft Excel
- Machine learning
- Tableau

## Projects

**HR Attrition DASHBOARD – Personal Project**                              **April 2024**
- Developed a comprehensive HR attrition dashboard using Power BI, providing stakeholders with a detailed view of employee turnover data.
- Utilized Power BI's features to visualize attrition metrics such as turnover rates, reasons for attrition, and demographic Breakdowns.
- Added interactive features like filters & drill-down options to dashboard for users to explore attrition trends & uncover insights.

**Machine Failure Classification with Scikit-learn – Personal Project**                              **May 2024**
- Developed proactive maintenance system using machine learning for failure prediction.
- Implemented a classification algorithm to predict failure states.
- Optimized model performance through feature engineering and hyperparameter tuning.

**Exploratory Data Analysis (EDA) on Iris Dataset – Personal Project**                    **December 2023**

- Conducted EDA on Iris dataset using Python, Pandas and Matplotlib to gain insights into the characteristics of different iris species.
- Analysed the distribution and relationships of key features such as sepal length, sepal width, petal length, and petal width to understand their impact on iris species classification.
- Visualized key patterns and trends in the dataset through histograms, scatter plots, and box plots, facilitating a comprehensive understanding of the data.
- Proficiently harnessed Excel, Power BI, DAX, and Tableau to craft visually compelling dashboards and reports, translating complex data into meaningful insights for strategic decision-making.

## Extracurricular Activities & Certifications

**Accenture North America Data Analytics and Visualization Job Simulation on Forage**                    **April 2024**

- Completed a simulation focused on advising a hypothetical social media client.
- Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions.
- Prepared a PowerPoint deck and video presentation to communicate key insights.

## Languages

- English
- Hindi
- Marathi