

# VAIBHAV SHEKADE

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Data enthusiast with a strong foundation in analysis, statistical modelling, and visualisation. Skilled in Python, SQL, Excel, and Power BI, with experience developing machine learning models and interactive dashboards. Eager to apply analytical and technical expertise to support data-driven decisions in a dynamic environment.

## WORK EXPERIENCE

### Naandi Foundation, Pune

Dec 2024 - Present

- Designed end-to-end data pipelines for MPC/NK initiatives of Mahindra and Mahindra, reducing processing time by 60% through Python automation.
- Developed automated ETL/EDA processes to clean/transform data from Google Sheets, Excel, and CSV into MySQL.
- Ensured 99.8% data accuracy through validation protocols and automated scripts.
- Created interactive Power BI dashboards with MySQL backend for real-time monitoring.

## PROJECTS

### Title: [Business Insight 360](#)

June 2024

**Objective - Streamline financial analysis with a Power BI dashboard for efficient KPI monitoring.**

- Created a Power BI dashboard for comprehensive financial analysis and reporting.
- Integrated multiple data sources to track **KPIs** such as revenue, expenses, and profit margins, reducing data retrieval time by 50%.
- Tech Stack:** Power BI, DAX, SQL.

### Title: [AstroSage Data Analysis](#)

Oct 2024

**Objective – Optimize call centre operations to improve efficiency, customer satisfaction, and profitability.**

- Developed an Excel dashboard analyzing historical call data and KPIs to guide a 1 crore investment for AstroSage.
- Provided insights into operational efficiency, customer satisfaction, and profitability for better decision-making.
- Tech Stack:** Excel, Pivot Tables, Charts.

### Title: [Multiple Disease Prediction](#)

Dec 2023

**Objective - Develop a machine learning model for real-time disease prediction.**

- Developed a machine learning model to predict multiple diseases, enhancing early diagnosis and treatment planning.
- Deployed the model on Streamlit for online access, enhancing healthcare decision-making with accurate **predictive analytics**.
- Tech Stack:** Python, Machine Learning, Streamlit.

## EDUCATION

### CHANDIGARH UNIVERSITY

Punjab, India

Bachelor of Engineering, Computer Science & Engineering, **CGPA: 7.45/10**.

June 2024

**Relevant Coursework:** Python, Big Data Analytics, Machine Learning, Statistics and Probability, Data Analytics, Data Structures, R, Business Intelligence, Web Development, Operating Systems, Computer Networks, DBMS.

## SKILLS AND INTERESTS

**Analytical Tools:** Power BI, MS Excel, Jupyter Notebook

**Language:** Python, SQL

**Libraries & Frameworks:** Pandas, Matplotlib, Scikit-learn, Seaborn, Tensorflow

**Database:** MySQL, PostgreSQL

**Development Interests:** Machine Learning, Deep Learning, Artificial Intelligence, Computer Vision

**Management/Leadership Skills:** Decision-Making, Problem-Solving

## CERTIFICATION

### • [Professional Certification in Data Science and AI](#) | Newton School

- Spreadsheet, SQL, Power BI, Python
- Machine Learning

### • [Business intelligence and data analytics](#) | Macquarie University

- Data analytics, systems thinking,
- Ethical decision-making, sustainability-oriented innovation and teamwork.

### • [Crash Course on Python](#) | Google

- Python scripting, basic syntax, data structures, and object-oriented programming (OOP)

## ACADEMIC ACHIEVEMENTS

- First position in the Regional Level Jawaharlal Nehru National Science Mathematics and Environment Exhibition (JNSMEE) in the Artificial Intelligence Project.