Shubham G. Tade

Pune, India |+91 7030409591 |✉ shubhamgtade123@gmail.com | 🔗 linkedin.com/in/shubham-tade123
⌾https://github.com/shubhu111

SUMMARY

Aspiring Data Scientist & Analyst with a strong foundation in SQL, Python, data visualization, machine learning, and deep learning, Power Bi. Skilled in extracting data-driven insights and predictive modeling, with experience in developing innovative solutions through analytics. Eager to apply data science knowledge to support impactful, data-driven decision-making in a dynamic environment.

SKILLS AND STRENGTHS

- **Programming:** Python (NumPy, Pandas, Matplotlib, Scikit-Learn), SQL.
- **Data Visualization:** Microsoft Power BI, Advanced Excel.
- **Machine Learning:** Supervised and Unsupervised Learning, Feature Engineering, Predictive Analytics.
- **Deep Learning:** ANN, CNN, OpenCV, NLP (NLTK), RNN (LSTM).
- **Soft Skills:** Time Management, Team Collaboration, Analytical Problem-Solving, Research.

EDUCATION

- **Mastering in Data Science:** 3RI Technology, Pune | Jul 2024
- **B. Tech in Computer Science:** Shreeyash College of Engineering & Technology, Aurangabad | 2020 – 2024
  - Relevant Coursework: Statistical Modelling, Machine Learning, Advanced Algorithms
- **12th (Science):** Shree Bappu Saheb Deshmukh Junior College, Jalgaon Jamod | March 2019
  - Passed with Distinction
- **10th:** The New Era High School and Junior College, Jalgaon Jamod | March 2017
  - Passed with Distinction

PROJECTS

1. **COVID-19_Disease_Image_Classification_using_CNN_AI_Project**
- Built a CNN model using TensorFlow to classify chest X-ray images into Covid, Normal, and Viral Pneumonia.
- Applied data augmentation to enhance model accuracy and robustness across training and testing datasets
- Demonstrated skills in deep learning, image processing, and AI applications.

Tools Used: TensorFlow, Data Augmentation, Deep Learning, Image Classification, Jupyter Notebook.
GitHub: https://github.com/shubhu111/COVID-19-Disease-Image-Classification-using-CNN-AI-Project.git

2. **Medical Insurance Cost Prediction | Machine Learning Project**
- Developed a predictive model for estimating medical insurance costs using demographic and health data.
- Conducted (EDA) & data preprocessing, including handling outliers and encoding categorical variables.
- trained models, including Random Forest Regressor and Linear Regression.
- Achieved high prediction accuracy with the Random Forest model.

Tools Used: Python, Scikit-Learn, Pandas, NumPy, Jupyter Notebook, Matplotlib, Seaborn.
GitHub: https://github.com/shubhu111/Medical_Insurance_Cost_Prediction_ML_Project.git

3. **Hotel Booking Data Analytics and Visualization Using Power Bi**
- Conducted an in-depth analysis of hotel booking data using Microsoft Power Bi.
- Created visualizations to identify trends and patterns in bookings and Cancellations.
- Analyzed data to uncover insights on booking behavior, seasonality, and customer demographics.
- Developed interactive dashboards and charts to facilitate data-driven decision-making.

Tools Used: Microsoft Power Bi, Data Analysis, Data Visualization with interactive dashboard
GitHub: https://github.com/shubhu111/Hotel_Booking_Data_Analytics_Using_Power-Bi_Project.git

---

ACHIEVEMENTS

- **Data Analytics and Visualization Engineering Virtual Program** – Accenture North America
  Certification : completion_certificate.pdf
- **Power BI Engineering Virtual Program** – PwC Switzerland
  Certification : completion_certificate.pdf

PUBLICATION

Intelligent Vehicle Safety and Monitoring System

International Journal of Research Publication and Reviews, Vol 4, no 12, pp 2057-2062 December 2023

- Co-authored research published in the *International Journal of Research Publication and Reviews* (Dec 2023), focusing on vehicle safety monitoring through sensor data analysis.

DECLARATION

Hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

Shubham Gajanan Tade.