**Shubham G. Tade**

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<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>

1. **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**[:](file:///C:\Users\Shubham%20Tade\Downloads\%20https\github.com\shubhu111\Medical_Insurance_Cost_Prediction_ML_Project.git) <https://github.com/shubhu111/Medical_Insurance_Cost_Prediction_ML_Project.git>

1. **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](https://forage-uploads-prod.s3.amazonaws.com/completion-certificates/Accenture%20North%20America/hzmoNKtzvAzXsEqx8_Accenture%20North%20America_hf9yWZw3AHffi8Eyt_1677307862290_completion_certificate.pdf)

* **Power BI Engineering Virtual Program** – PwC Switzerland

Certification : [completion\_certificate.pdf](https://forage-uploads-prod.s3.amazonaws.com/completion-certificates/PwC%20Switzerland/a87GpgE6tiku7q3gu_PwC%20Switzerland_hf9yWZw3AHffi8Eyt_1676958312348_completion_certificate.pdf)

**PUBLICATION**

[**Intelligent Vehicle Safety and Monitoring System**](https://ijrpr.com/uploads/V4ISSUE12/IJRPR20326.pdf)

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.