**Shubham G. Tade**

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<https://github.com/shubhu111>

**SUMMARY**

Analytical and solutions-driven professional with a computer science background and experience in the development, documentation, and delivery of process innovations. Eager to apply my data analysis skills in a dynamic environment. Skilled in SQL, Python, data visualization, Data analytics, predictive modelling, data-driven insights and Machine Learning. Aspiring to contribute to data-driven decision-making processes and eager to develop further in data analytics.

**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, Random Forest, Linear Regression, Predictive Analytics.
* **Soft Skills:** Time Management, Team Collaboration, Analytical Problem-Solving, Research.

**EDUCATION**

**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. **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>

1. **Medical Insurance Cost Prediction | Machine Learning Project**

**Objective:** Developed a predictive model for estimating medical insurance costs using demographic and health data.

**Key Responsibilities:**

* Conducted data preprocessing, including handling outliers and encoding categorical variables.
* Performed Exploratory Data Analysis (EDA) to identify significant patterns and relationships.
* Engineered features and trained models, including Random Forest Regressor and Linear Regression.
* Achieved high prediction accuracy with the Random Forest model.

**Technologies 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>

**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**

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

Shubham Gajanan Tade.