


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

2. 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: 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](#)
- **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.