

SHUBHAM ATUGADE

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[LinkedIn Profile](#)

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WORK EXPERIENCE

JUNE 2024 - AUGUST 2024

Data Science Intern (Remote)

El Systems Technologies

- Enhanced my expertise in Python, statistical modeling, and graphical analysis by working with datasets comprising **12 categorical features**.
- Achieved a **77% accuracy rate** in survival prediction through effective data processing, feature engineering, and applying logistic regression techniques.

PROJECTS

Coffee & Restaurant Business Analysis

- Analyzed 193,352 records to create an interactive dashboard for a simulated **₹134M** revenue business. Highlighted high-performing categories like beverages, which generated ₹26M and drove **68%** revenue growth from **₹19M** in 2019 to **₹32M** in 2024.
- Compared revenue shares between franchise (52.87%) and owned outlets to offer data-driven recommendations for optimizing operations across 14 states and **20 cities** in India.

Crime Rate Analysis and Prediction Model

- Developed a sophisticated analytical system to predict crime rates across ten categories in **19 metropolitan cities** using historical data from 2014 to 2021.
- This approach achieved an impressive **accuracy of 93.20%** by applying 'Random Forest Regression'.
- Additionally, I designed an intuitive interface using Streamlit, allowing users to explore and forecast crime patterns.

Titanic Survival Prediction Model

- Developed and executed a predictive model leveraging logistic regression to assess the likelihood of passenger survival on the Titanic.
- This process involved comprehensive feature engineering and in-depth exploratory data analysis. Employed visualization libraries to present model outcomes and key insights effectively.

TECHNICAL SKILLS

- Languages:** Python, SQL, C++ (basic) HTML/CSS
- Developer Tools:** VS Code, Google Cloud Platform, Power BI, Looker Studio, Tableau, Microsoft Excel, Microsoft Office Suite
- Technologies/Frameworks:** GitHub, Streamlit
- Familiar with:** Apache Spark, Hadoop, Apache Kafka

EDUCATION

2022-2025

Bachelor of Computer Applications (Big Data Analytics)

Ajeenkya DY Patil University, Pune

GPA: 9.45 / 10.0



Pune, Maharashtra, India.

PROFILE

As a dedicated Big Data Analyst student, I possess strong expertise in statistical modeling, graphical visualizations, and predictive analysis. I am proficient in utilizing cloud platforms to implement scalable data solutions. I am enthusiastic about the opportunity to contribute to innovative projects within the tech industry.

CERTIFICATION

- Data Visualisation: Empowering Business with Effective Insights Job Simulation (TATA & Forage)
- Data Science & Analytics (HP Foundation)
- Cloud Computing and AWS Fundamentals (Udemy)
- Python Basic (Hackerrank)

PUBLICATION

Crime Rate Analysis and Prediction Model Using Machine Learning.

Published in: International Journal of Innovative Research in Computer and Communication Engineering, Vol. 12, Issue 12 ([Access Link](#))

ACTIVITIES

- Student Council Representative - Member (2024-Present)
- Google Developer Student Club - Student Member (2022-Present)