JEET SINGH SAINI

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SUMMARY

Business Analytics graduate student with a solid foundation in statistical modeling, machine learning, and large-scale data analysis. Skilled in Python, SQL, and data processing with experience in classification models, time series forecasting, and anomaly detection. Familiar with big data technologies and passionate about translating analytical results into actionable business solutions. Known for a collaborative mindset, strong communication, and quality-focused development.

EDUCATION

University of the Pacific, Stockton, California, United States **(Expected: Dec 2025)**
Master of Science in Business Analytics **GPA 4.0**

Bennett University, Greater Noida, Uttar Pradesh, India **June 2024**
Bachelor of Technology in Computer Science Engineering (AI Specialization) **GPA 3.4**

SKILLS

Programming: Python, SQL, JavaScript, HTML/CSS, C++
Tools & Libraries: Pandas, NumPy, Scikit-learn, TensorFlow, Power BI, Tableau, Streamlit, Grafana, Git
Tech Stack: Flask, Angular, MySQL, FastAPI, React (basic)Data Science: Regression, Classification, SARIMA, EDA,
Cloud & Platforms: Google Cloud, GitHub Pages, BigQuery

CERTIFICATIONS

Google Data Analytics (April 2023) **Deep Learning (Dec 2022)**
Graph Analytics for Big Data (April 2023) **AWS Machine Learning Foundations (April 2022)**

EXPERIENCE

Artificial Intelligence Intern — *Jio Platforms Ltd* **Aug 2023 - June 2024**

- Developed SARIMA-based forecasting models, improving sales prediction accuracy by 89%.
- Built anomaly detection pipelines using Python to identify network performance deviations.
- Integrated GenAI API with React/Flask frontend for natural language-based analytics.
- Delivered Power BI dashboards and SQL automation to support strategic KPIs.

PROJECTS

Real-Time Stock Market Sentiment Analysis GitHub Repo
Built a full-stack ML pipeline combining live sentiment data (NewsData.io, GNews) and financial APIs (Yahoo, Twelve Data) to classify stock movement. Created dashboards in Streamlit and Grafana. All data and predictions are stored in MySQL and BigQuery.

F1 Race Outcome Prediction (2025 Season) GitHub Repo
Engineered ML/DL models (LogReg, RF, XGBoost, Neural Net) to predict podiums based on driver history, ELO ratings, and qualifying staIncludesuded custom feature engineering and class balancing.

LA Crime Data Analysis (2020–2023) GitHub Repo
Explored seasonal and regional crime patterns using Python, Matplotlib, and Folium maps. Visual insights on weapon type, incident areas, and time-based heat maps.

National Crime Analytics (FBI Data Project)
Analyzed U.S.-level FBI data alongside socioeconomic indicators. Applied regression models to predict trends in violent crime in cities. **Diamond Dashboard Analysis** GitHub Repo Created Power BI dashboards that compare natural vs. lab-grown diamond trends. Used Excel with Power Automate for dynamic updates.