Yash Joshi

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Summary

Accomplished business insights and market research analyst with a strong background in corporate strategy and advanced Excel. Delivered scalable reporting solutions that reduced manual tasks by 25% and increased forecasting accuracy by 20%. Expert in synthesizing complex data to drive actionable insights and support strategic decision-making, while continuously enhancing data governance. Proven collaborator with leadership and cross-functional teams in fast-paced environments.

SKILLS

- **Analytical And Research Skills:** Data Visualization, Insight Generation, Design Experiments, Statistical Modeling, Risk Analysis, Predictive And Descriptive Analytics
- **Business And Strategy Skills:** Financial Decision Making, Corporate Strategy, Market Research
- **Technical And Software Skills:** Advanced Excel Skills
- **Programming Languages:** Python, SQL, R, C++, HTML, CSS
- **Data Technologies:** Domo, Tableau, MySQL, Firebase
- **Machine Learning Frameworks:** Scikit-Learn, PyTorch, Seaborn

EXPERIENCE

Altice USA | *Business Insights Analyst*   **Sep 2022 - Present**
- Designed and implemented a scalable Domo application for revenue reporting and projections that reduced manual reporting time by 25%, supporting informed decision-making through enhanced data visibility.
- Developed NLP-ready datasets in collaboration with data engineers to streamline transitions to AI-based analytics tools, accelerating insight generation and aligning with corporate strategy initiatives.
- Engineered the architecture for consolidated data marts in Domo, integrating end-to-end systems data to enhance reporting capabilities and improve key performance metric visibility by 30%.
- Collaborated with senior leadership to automate weekly sales projections, achieving a 20% increase in forecasting accuracy and saving 15 hours per week, thereby reinforcing robust quantitative analysis and business strategy.
- Partnered with IT and engineering teams to implement a comprehensive data governance framework, ensuring compliance and strengthening data security protocols essential for strategic decision-making.

Lake 5 Media | *Market Research Analyst*   **Sep 2021 - Aug 2022**
- Led comprehensive market research and strategy development that enhanced sales, marketing, and viewership performance for five media clients.
- Extracted actionable insights from Nielsen ratings to shape tailored media planning, buying, and campaign conversion strategies, leveraging core principles of corporate strategy and market analysis.
- Ensured system reliability and quality through rigorous testing, promoting operational stability and data accuracy crucial for informed business decisions.
- Coordinated seamless interdepartmental collaboration to deliver customized data solutions, contributing to the continuous development of the knowledge infrastructure.

Newslaunder | *Research Data Analyst*   **Sep 2020 - Dec 2020**
- Constructed a robust data pipeline leveraging Python APIs, conducting exploratory data analysis
- Produced sentiment analysis on a diverse range of news articles and debates with accuracy rate of 85%, providing nuanced insights into public perception
- Developed dashboards in Tableau to illuminate gender and caste disparities within news organizations, fostering awareness and driving actionable insights.

EDUCATION

Stevens Institute of Technology | *MS, Business Intelligence and Analytics* (GPA: 3.77/4.00)   **Jan 2021 - May 2021**
- **Coursework:** Multivariate Data Analysis, Experimental Design, Machine Learning, Deep Learning, Data Warehousing

NMIMS University | *BTech, Computer Science*   **Aug 2015 - May 2019**

ACADEMIC PROJECTS

Stevens Institute of Technology | *Stock portfolio diversification*   **Sep 2020 - Dec 2020**
- Developed clustering algorithm to create a diversified portfolio to reduce volatility and overall risk of investment
- Evaluated performance of portfolio using Sharpe Ratio in terms of volatility compared to S&P 500 Index using
- Led a group of three in presenting and executing the model using real-time data at a networking event

NMIMS University | *Optimizing Fraud Detection in Online Transactions*   **Jan 2018 - May 2018**
- Devised strategy for data collection of transactions from a reputed eCommerce company with 500,000 entries
- Incorporated XGBoost and Logistic Regression models to compare parameters for suitable results
- Formulated optimization techniques to minimize false prediction and deployed model to minimize loss incurred by a company from $900,000 to $300,000