

SRIJANA SIGDEL

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SUMMARY

Analytically-driven Master's student in Business Analytics with a proven track record in data analysis, predictive modeling, and project leadership. Proficient in Python, SQL, and Power BI, with expertise in interpreting data to drive insights and informed decision-making. Seeking an opportunity to utilize technical skills and an analytical mindset to enhance strategic operations and performance optimization.

PROJECTS

1. Stock Price Prediction using Machine Learning
 - Leveraged historical stock data and ML techniques to predict prices.
 - Developed predictive models with Linear Regression and LSTM.
 - Achieved accurate forecasts through feature engineering and tuning.
2. E-Commerce Website Development
 - Led end-to-end development of an e-commerce platform.
 - Implemented user-friendly interfaces, shopping cart functionality, and secure payment gateways.
 - Proficient in HTML, CSS, JavaScript, Node.js, and MongoDB.
3. Social Media Sentiment Analysis
 - Conducted NLP-based sentiment analysis of social media posts.
 - Designed a robust sentiment analysis pipeline including preprocessing and classification.
 - Utilized NLTK and Scikit-learn in Python for insights extraction.
4. Car Driving Simulation Program
 - Designed a car driving simulation program with fuel efficiency calculations.
 - Developed a user-friendly menu-driven interface and interaction log.
 - Evaluated fuel consumption and remaining mileage.

5. Analysis of an Emerging Technology Firm
 - Evaluated potential of a new U.S. tech firm through thorough analysis.
 - Assessed technology offerings, stock performance, and CEO background.
 - Conducted stock valuation and revenue projection analysis.
6. Identifying Emerging Tech Firms
 - Researched methods to identify recent technology IPOs.
 - Utilized sources like Yahoo Finance to gather relevant data.
 - Developed proactive research skills for tech industry trends.
7. IBM Cognos Analytics: HR Training Analysis
 - Analyzed HR training costs using IBM Cognos Analytics.
 - Created data visualizations: bar charts, pie charts, and driver analyses.
 - Transformed data into actionable insights.

EDUCATION

- **Master of Science in Business Analytics**, Expected Graduation: 12/2023
Texas A&M University, Commerce, Texas
- **Bachelor's Degree in Social Work**, 06/2017-12/2020
Padma Kanya Multiple Campus (Tribhuvan University)
Baghbazar, Kathmandu, Nepal

SKILLS

- Data Analysis: Proficient in complex data analysis using statistical tools (Excel) and Python.
- SQL: Proficient in writing queries for data extraction, manipulation, and analysis.
- Business Intelligence: Skilled in transforming data into insights using tools like Power BI.
- Problem-solving: Demonstrated ability to identify and solve business problems through analytics.
- Data Visualization: Proficient in creating informative and visually appealing charts, graphs, and dashboards to communicate complex insights effectively.
- Market Research: Competent in conducting comprehensive market research to identify trends, opportunities, and potential risks for strategic decision-making.
- Project Management: Familiarity with project management methodologies and tools to oversee tasks, timelines, and deliverables during project execution.
- Critical Thinking: Strong ability to analyze data, identify patterns, and derive meaningful conclusions to solve complex business challenges.

- Collaborative Engagement: Proficient in fostering teamwork among cross-functional teams, understanding diverse perspectives, and facilitating agreement to drive informed conclusions.
- Business Strategy: Understanding of business strategies and the ability to align analytical insights with overall strategic goals.

EXPERIENCE

Customer Relationship Officer, Ace Express Travel Services Pvt. Ltd. (AceTravels.com), 09/2017-01/2021

- Managed customer relationships, provided counseling, and guidance.
- Led sales, marketing campaigns, and client outreach.
- Trained staff in industry best practices and customer service.

INTERNSHIP

Ace Express Travel Services Pvt. Ltd. (AceTravels.com), 06/2017-09/2017

- Assisted with customer inquiries, bookings, and administrative tasks.
- Gained exposure to travel industry operations.

MEMBERSHIP

General Member, Rotaract Club of Tripureswor, 2020/2021

TRAINING

Sabre Basic Functionalities Course (GDS), 06/2018