Goutham Ravula

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SUMMARY

Determined with an Analytical Virtue and Stronghold in Statistics. Self-motivated and ambitious individual, seeking for an opportunity to apply the skill set procured towards the growth and amelioration of the organization and to gain ample experience to deepen my knowledge and hone my skills.

EDUCATION

Bachelor of Arts in Economics
Jindal Global University – Delhi, India
GPA: 77%

SKILLS

- **Programming:** Python: Pandas, Matplotlib, Seaborn, Networkx, NumPy, Scikit-Learning
- **Database:** MySQL
- **Analytical Tools:** Tableau, Power BI, Microsoft Excel, Stata
- **Geospatial Analysis:** Folium, QGIS
- **Frontend Development:** HTML, CSS, JavaScript

EXPERIENCE

Portfolio Website   **October 2023**

Developed a responsive **website** to showcase my **portfolio** online featuring modern UI, interactive navigation, and dynamic content. Constructed the website from ground up with developing it further by applying **HTML**, **CSS**, and **JavaScript**. Deployed the website with aid of **Netlify.com**.

Fake News Detection   **October 2023**

Utilized **Python** to develop a **machine learning** model for news article classification, employing **supervised learning** techniques. Project involved text preprocessing, **TF-IDF vectorization**, and multiple **classifiers**. Created a user-friendly **API** enabling classification via article URL or text input. Demonstrates effective implementation of **machine learning** solutions for real-world challenges.

Dynamic Pizza Sales Dashboard   **August 2023**

Developed a comprehensive pizza sales **dashboard** using a provided database. Began by validating **KPI** accuracy through **SQL queries**. Employed **Power Query** to transform the data, generating new tables and calculations for insightful **visualizations**. Utilized **Power BI** to craft an interactive dashboard, centred on **KPIs** and augmented with succinct text-based insights.

Stock Prediction App   **June 2023**

Developed a web-based **stock prediction** app from scratch using **Streamlit** framework. Utilized data from Yahoo Finance API historical stock data for analysis prediction. Implemented **Moving Averages** and **Linear Regression** to forecast stock prices, whilst employing **MSE** and **RMSE** methods to evaluate the model. Created **interactive visualization** using Plotly to display historical trends, stock price prediction, and other metrics. Incorporated a user input functionality to allow users to enter stock tickers and customize app experience.

Digital Marketing | Global Peace Foundation   **July 2021 – August 2021, India**

• Created visually compelling and impactful **digital marketing campaigns**, employing diverse platforms and channels to proficiently promote the company's offerings.
• Conducted thorough analysis of articles and videos, extracting invaluable insights and trends to bolster the company's marketing strategies and augment its online footprint.
• Generated captivating and visually alluring **social media content**, encompassing graphics, videos, and interactive posts, to amplify brand visibility and foster heightened audience engagement.

CERTIFICATIONS

IBM Data Science Professional Certificate   **IBM · 2022**

Completed the IBM Data Science Professional Certificate. Acquired proficiency in Python and SQL for robust data manipulation, visualization, and analysis. Developed expertise in machine learning, statistical analysis, and data-driven decision-making. Applied advanced techniques to real-world projects, honing skills crucial for impactful data analytics in dynamic business environments.

Python for Everybody Specialization   **University of Michigan · 2021**

Completed the certification in Python for Everyone. gained thorough skill in Python programming, including web scraping, data manipulation, and visualization. gained practical experience using Python to analyze data effectively and interacting with databases.