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Profile:

An enthusiastic Data Analyst with a good track record in conceptualizing and implementing analytical Insights with commendable managerial ability to motivate the team for success and have broad-based experience in developing, implementing, and supporting applications within an agile framework.

Technical Skills:

- Programming Languages: Python, R, Java
- Data Manipulation and Analysis: NumPy, Pandas, Matplotlib, Seaborn
- Tools & Technology: Jupyter Notebook, PyCharm, Machine learning Algorithm & Frameworks, Tableau, MS Office, PowerBI, MySQL, Spring, Java, Spring Boot, Microservices, Web Services, jQuery/JavaScript, JSON, AJAX, REST API, Junit, Apache Maven, Tomcat, SVN, Atlassian software (Jira, Confluence)
- Database Management: SQL, MSSQL, MySQL, MongoDB

Training /Certifications:

- **Tableau Certified Data Analyst (August 2023)**
- **R for Data Science by IBM (July 2023)**
- Master Certificates from Simplilearn in the Data Analyst
- Introduction to Data Analytics (Training)
- Business Analytics with Excel (Training)
- Programming Basics and Data Analytics with Python (Training)
- Tableau (Training)
- SQL (Training)
- Power BI (Training)

Capstone Projects:

App Rating Recommendations:

Objective: Developed a recommendation system to help users discover relevant mobile applications based on their preferences and usage patterns.

Technical Details:

- Utilized Python's machine learning libraries, including scikit-learn, for recommendation algorithm development. Employed collaborative filtering techniques such as user-based and item-based recommendation models.
- Leveraged extensive data preprocessing and feature engineering to enhance recommendation accuracy.
- Implemented data visualization using Matplotlib and Seaborn for model evaluation and user feedback analysis.

Sales Performance Analysis:

Objective: Conducted an in-depth analysis of sales data to identify key trends, anomalies, and opportunities for revenue optimization.

Technical Details:

- Performed data cleansing and transformation to prepare the dataset for analysis.
- Utilized advanced statistical methods, including time series analysis and regression modelling, to uncover sales patterns.
- Employed data visualization tools, particularly Tableau, to create interactive dashboards for sales performance monitoring.
- Developed Python scripts for automated data extraction and reporting, streamlining the analysis process.

Identifying and Recommending Best Restaurants:

Objective: Created a recommendation system for restaurant enthusiasts, considering user preferences, location, and past dining experiences.

Technical Details:

- Employed collaborative filtering and content-based recommendation techniques to personalize restaurant recommendations.
- Utilized web scraping libraries, such as BeautifulSoup and Selenium, to collect restaurant data from various online sources.
- Implemented geospatial analysis using Python's geocoding and mapping libraries to factor in location preferences.
- Integrated user feedback and reviews from platforms like Yelp and TripAdvisor to refine restaurant ratings.

Professional Experience:

Data Analyst

Fortray Global Services, London

Jan 2023 to Present

- Gather requirements, design, and implement data pipelines for extraction, transformation and loading of data.
- Perform analysis of datasets (both internal and external) to generate insights and present findings to stakeholders.
- Transforming raw data from vendors into a structured format to be used in various internal processes.
- Interpret data, analyze results using statistical techniques, and provide ongoing reports.
- Develop and implement databases, data collection systems, data analytics, and other strategies that optimize statistical efficiency and quality.
- Acquire data from primary or secondary data sources and maintain databases/data systems.
- Filter and clean data by reviewing computer reports, printouts, and performance indicators to locate and correct code problems.
- Work with management to prioritize business and information needs.
- Locate and define new process improvement opportunities.
- Perform research, verification, and data matching tasks to maintain high data accuracy.
- Stay up to date with developments in the data & analytics industry and identify new technologies and methodologies that can support the team in achieving their goals.

Data Analyst (Intern)

Brainnest, Berlin

June 2022 to Dec 2022

- Acquired hands-on experience with SPSS, proficiently accessing and integrating data while constructing data maps.
- Prepared and cleaned data, conducted visual exploratory analysis, and utilized statistical methods for data description.
- Designed, developed, and maintained performance monitoring dashboards, incorporating changes and improvements using Business Intelligence (BI) tools.
- Collaborated with the marketing team to enhance lead generation and deal closing strategies, ultimately supporting client business objectives.
- Assisted in identifying key insights from data analysis, providing valuable inputs for strategic decision-making.

Education:

M.Sc. (Hons) Data Science

University of Essex, Colchester, UK

Sep 2021 – Oct 2022

B.Tech. in Electronics and Communication Engineering

P.R.I.S.T. University, India

July 2016 – Aug 2020

Reference: Will be available upon request