FATHIMA

Master of Computer Applications student

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SUMMARY

Eager Master of Computer Applications student passionate about data science, seeking opportunities to leverage academic prowess and programming skills in a professional setting. Proficient in Python and adept at working with SQL databases, I excel in analyzing complex datasets. My coursework establishes a robust foundation in computer science, statistical methods, and data visualization, preparing me for a role as a proactive Data scientist. I thrive on contributing to real-world projects and am committed to continuous learning in the dynamic field of data science.

TECHNICAL SKILLS

Programming Languages:
Proficient in Python, foundational knowledge in JavaScript

Web Technologies:
Experienced in HTML, CSS,Selenium and Plotly

Database Management:
Skilled in MySQL, Hive, Pig, and Snowflake

Data Manipulation and Analysis:
Proficient in Pandas and NumPy for data manipulation

Data Visualization:
Proficient in Microsoft Power BI, Seaborn, and Matplotlib for data visualization

Data Analysis:
Skilled in Microsoft Excel and statistical measures for data analysis

Version Control:
Proficient in Git and GitHub for version control

PROJECTS

06/2023-07/2023 Cinematic Insights: Statistical Exploration of Movie Datasets   **Project link**

- Conducted comprehensive analysis of movie datasets using statistical techniques to explore titles, genres, popularity, and ratings.

- Applied descriptive statistics, including mean, median, and standard deviation, alongside probability distributions, to extract meaningful insights.

- Executed inferential statistics, encompassing a chi-squared test, tests of means, and ANOVA from the SciPy library.

- Enhanced proficiency in real-world data analysis.

07/2023-08/2023 Business Intelligence Analysis - Sales Performance Optimization   **Project link**

- Utilized Snowflake for robust data warehousing.

- Employed Excel for precise data cleaning.

- Leveraged Power BI for creating insightful dashboards and executing comprehensive sales analysis.

- Evaluated product and category performance, profit margins, and overall sales to optimize strategies.

07/2023-08/2023 Crafting Dynamic Sales Dashboards for Informed Decision-Making using excel   **Project link**

- Created an interactive sales analysis dashboard in Excel, utilizing PivotTables, Charts, and Data Validation.

- Enabled timely decision-making for critical objectives by providing key insights into sales performance.

- Fostered user engagement with an insightful dashboard and contributed to streamlined decision-making by offering essential insights into sales data, optimizing business strategies.

| 08/2023-09/2023 | **A Proficient Expedition in Data Cleaning with pandas and numpy** | **Project link** |

- Conducted data cleaning using Python libraries: pandas and numpy.
- Downloaded a Kaggle dataset for practicing data cleaning and manipulation.
- Demonstrated proficiency in advanced data cleaning techniques to ensure data quality.

| 11/2023-11/2023 | **Health Dashboard: Disease Analysis and Patient Outcomes** | **Project link** |

- Developed an interactive Excel dashboard focusing on disease analysis and patient outcomes.
- Incorporated filters and visualized health indicators to explore disease-related data effectively.
- Aiming to provide a holistic view of patient characteristics and health metrics for various diseases and outcomes.

| 11/2023-11/2023 | **Sales Insights Dashboard Using Power BI: Leveraging Data for Performance Enhancement** | **Project link** |

- Conducted detailed sales data analysis using Power BI to optimize strategies and enhance performance.
- Identified monthly sales trends and evaluated product performance to uncover opportunities for growth.

| 12/2023-12/2023 | **Sonant Insights: Audible Data Harvest & Refinement** | **Project link** |

- Engineered a data extraction system utilizing Selenium in Python to meticulously gather comprehensive information from the Audible platform.
- Leveraged Pandas for meticulous data cleansing, handling missing values, standardizing formats, and performing necessary transformations for refined data.

EDUCATION

2017-2019	**Adarsh Matriculation Higher Secondary school** Stream : Biology-maths ,CGPA: 8.3	**School**
2019-2022	**Sridevi Arts and science college** Bachelor of science (Mathematics) ,CGPA: 9.1	**College**
2022-2024	**Dwaraka Doss Goverdan Doss Vaishnav College** Master of Computer Applications,CGPA: 9.2	**College**

CERTIFICATIONS

04/2023-06/2023	**Statistics for Data Science	8-week online course**	**Internshala**
05/2023-07/2023	**Advanced Excel	8-week online course**	**Internshala**
06/2023-07/2023	**Data Storytelling and Mastering Data Visualization	6 hours**	**Udemy**
07/2023-08/2023	**Python Data Visualization: Dashboards using Plotly and Dash	8.5 Total hours**	**Udemy**
12/2023-present	**Machine learning	44.5 Total hours**	**Udemy**
12/2023-present	**Web Scrapping	10.5 Total hours**	**Udemy**

LANGUAGES

English , **Tamil** - native