

FATHIMA

Master of Computer Applications student

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SUMMARY

Eager Master of Computer Applications student passionate about data analytics, 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 Analyst. I thrive on contributing to real-world projects and am committed to continuous learning in the dynamic field of data analytics.

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
	<ul style="list-style-type: none"> • 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
	<ul style="list-style-type: none"> • 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
	<ul style="list-style-type: none"> • 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. • Utilized rigorous data analysis and segmentation in Power BI to refine inventory management and develop targeted marketing strategies. 	
12/2023-12/2023	Sonant Insights: Audible Data Harvest & Refinement	Project link
	<ul style="list-style-type: none"> • 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

LANGUAGES

English , Tamil - native