

Fahira Hameed

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<https://fahiramaricar.github.io/portfolio/>

Data Analyst

Proficient in Python, SQL and data visualization tools. Adept at managing survey research and analyzing complex datasets. Possessing a strong background in designing and developing AI tools, consistently delivering impactful solutions. Excellent interpersonal and communication skills for effective collaboration at all levels.

Skills

Programming languages: SQL, Python, R, Javascript, C++, Java, HTML, CSS

Tools: PowerBI, Tableau, Excel Charts, Microsoft Powerpoint, Microsoft Visual Studio, AI Libraries & Frameworks

Database: MySQL, SQLite, Microsoft SQL Server

Additional Tools: Github, Dagshub, Google Colab, Jupyter Notebook, Google Cloud Platform

Experience

Artificial Intelligence Engineer : RadicalAI

Mar'24-Present

- Implemented an AI coach utilizing OpenAI and Google Gemini technologies, providing personalized coaching, mentorship, and support across different career lifecycle phases
- Designed and implemented a sophisticated quiz generating AI tool within the project, enabling dynamic quiz generation based on user-provided documents. The model offers instant feedback and comprehensive explanations, fostering deeper comprehension for users.

Data Analyst : Omdena

Jan'24 - Present

- Conducted an extensive analysis of the relationship between social media usage and mental health outcomes, through developing an LLM chatbot with RAG base, aimed at detecting depression and anxiety.
- Led global data collection efforts, ensuring privacy and integrity, while utilizing Natural Language Toolkit (NLTK) in Python for preprocessing and analysis to prepare insights for subsequent modeling
- Leveraged machine learning algorithms, specifically XGBoost classifier model for text classification, achieving 93% accuracy in predicting mental health conditions, enhancing chatbot precision.

Projects

HR Data Analysis for ATLIQ Technologies

Jan' 2024

- Automated the work of HR creating visualizations by extracting meaningful insights and trends, utilizing a real dataset from ATLIQ Technologies.
- Analyzed on various parameters to give a proper insights and trends into the requirements mentioned by HR using power query editor and DAX expressions.
- Created a powerful dynamic powerBI dashboard for the HR to analyze the working preference of the employees increasing efficiency by 50%.

TATA Data Visualization: Empowering Business with Effective Insights Job Simulation

Dec' 2023

- Performed data cleaning using Excel and developed a dashboard using Tableau, gathering requirements for TATA Consultancy Services, monitoring, maintaining growth and engagement metrics facilitating effective decision-making for senior leadership.
- Developed new data exports according to identified business needs and requirements, leading to 30% improvement in data-driven insights generated from these exports.

Education

Avvaiyar Government College for Women

- Bachelor's Degree - Computer Science

Certifications

- Google Data Analytics
- Accenture North America-Data Analytics and Visualization Job Simulation
- Tata Data Visualization: Empowering Business with Effective Insights Job Simulation
- SQL Essential Training
- NLP with Python for Machine Learning Essential Training