

MAIRAJ UDDIN QURESHI

Data Analyst

WORK EXPERIENCE

INNOVATIVE SOLUTIONS

Artificial Intelligence and Software Development Company

Data Analyst: JUNE 2021 – Present

Data Optimization and Analytics

- Spearhead data cleaning, data wrangling, and ETL operations to ensure the integrity and quality of data used in AI Chess training.
- Employ advanced analytical techniques to extract actionable insights from complex datasets, fostering continuous improvement in the capabilities of our AI Chess engine.

Collaboration and Cross-Functional Teamwork

- Work seamlessly with cross-functional teams, including software engineers and AI researchers, to align data analysis efforts with broader business objectives.
- Contribute valuable insights that support the collaborative refinement and evolution of the AI Chess engine.

Data Visualization and Reporting

- Utilize data visualization tools, particularly Power BI, to create insightful dashboards that facilitate a comprehensive understanding of key performance indicators.
- Present findings to stakeholders in a clear and concise manner, enhancing decision-making processes.

EDUCATION

MS Data Science (2022 - Present)

FAST - National University of Computing and Emerging Sciences, Karachi

(Specialized in Machine Learning, Deep Learning, Big Data Analysis)

BS Computer Science (2014 - 2018) University of Sindh – 3.63 CGPA


Intermediate in Pre-Engineering (2012 - 2014)


S.M Science Collage Karachi – B Grade

Matriculation in Computer Science (2010 - 2012)

Model Public High School, Karachi – A Grade

CONTACT

 mairaj4282@gmail.com

 (+92) 3404887105

 Flat # 3 Street # 2 Korangi # 1, Karachi

 linkedin.com/in/mairajuddin

TECHNICAL SKILLS

- Data Analysis and Interpretation
- Data Visualization (Power BI, Tableau)
- Data Insights and Story Telling
- Excel (Advanced Functions, Pivot Tables)
- SQL Querying and Database Management
- Statistical Modeling
- Report Generation & Presentation
- Hypothesis Testing
- Predictive Analytics
- Benchmarking Analysis
- Keyword Research
- A/B Testing (Google Optimize)
- Data Warehousing and ETL
- Programming and Scripting (Python)
- Data Analysis Expression (DAX)
- Python libraries (Pandas, Numpy, Matplotlib and Seaborn, Scikit Learn, Scipy, Statsmodels)

TOOLS

- Business Intelligence (Power BI, Tableau)
- Agile Project Management (Jira)
- MS Excel (Advance)
- Google Keyword Planner

RECENT PROJECTS COMPLETED

Supply Chain Analytics Project | Power BI Dashboard and Reports

Designed and developed a dynamic Power BI dashboard for supply chain business. Transformed complex information into actionable insights, aiding in demand forecasting, inventory optimization, and supplier performance analysis.

Performance of Artificial Intelligence Chess Engine Neural Network | Power BI Dashboards and Reports

Implemented interactive visualizations that allowed users to analyze and compare the gameplay metrics, strategic decisions, and outcomes of the AI Chess engine against industry benchmarks.

Utilized Power BI capabilities to integrate real-time data from the AI Chess engine, providing stakeholders with up-to-date insights into the engine's performance.

Conducted comprehensive testing and Benchmarking analysis to ensure the accuracy and reliability of the dashboard, offering a transparent view of the AI Chess engine's strengths and areas for improvement.

Sales Performance of E-Commerce Store | Power BI Dashboard and Reports

Designed and implemented interactive visualizations, allowing stakeholders to easily interpret complex sales data providing actionable insights into sales performance and market trends.

Collaborated closely with teams to understand specific business requirements, ensuring the dashboard met the company's strategic goals. Analyze large volumes of sales data, resulting in improved accuracy and efficiency in decision-making processes.

FMCG (Tea) Company Project | Power BI Dashboard and Reports

Collaborated seamlessly with cross-functional teams, aligning the dashboard with specific business requirements, and contributing to strategic initiatives for market growth. Conducted thorough data-driven exploratory analysis, revealing opportunities for process optimization.

Provided insight about high performing product and low performing product and drew recommendation to increase the sales of low performing products.

DISEASE PREDICTION SYSTEM CHATBOT

In this project the model was trained with multiple symptoms dataset, used Machine Learning Algorithms KNN, Naïve Bayes and Decision Tree and then test with test dataset and got accuracy of 85% in predicting the results.

CERTIFICATIONS

- Certified Google Advanced Data Analytics from Coursera (2023)
- Certified The Complete SQL Bootcamp from Udemy (2022)
- Certified Python Associate Programming From Python Institute (2022)
- Certified Data Analysis with Python from Cognitive Class (2021)