Awais Ali

Lahore Pakistan
Machine Learning Engineer

in https://www.linkedin.com/in/awais-ali-b0b19b226/ · M awaisaliawaisali2003@gmail.com · +923064086446

Professional Summary

- 1+ years of industrial experience as a Data Analyst in Data Extraction, Dashboard Development and Power BI tool.
- Focused on developing and deploying BI Dashboards.

Professional Experience

Kaswa.AI (Remote)
Pakistan (Lahore)

Data Analyst and Business Intelligence Intern
December 2022 - current

- Creating and Developing Dashboards/Reports.
- Data Extraction from online resources.
- Power Query, Power BI and Microsoft Fabric.
- Extract, Transform, Load (ETL)

Projects

- Chat Bot: I have created a Chat Bot using Django Framework which is affiliated with Python. In which the response was generated to the users query through AIML files, ML Models, NLP, Sentiment Analysis, API's and NEO4J as a graph database which makes nodes in the background and keeps the track of the users query as a memory.
  - Accomplishments:
    - Integration of Django with Neo4J graph database.
    - Generates response according to user's mood by analyzing sentiment analysis.
    - It can understand the user's response in any language and respond accordingly in that specific language.
    - Implemented the system using open-source tools and libraries.

- Election Prediction: I used ML Models to identify the win prediction of all the parties that were competing in the upcoming election (Pakistan) Feb 2024. I have used Logistic Regression, Random Forest, Naïve Bayes and many more. Through which I predicted the win ratio of the party and made BI Reports of that dataset.
  - Accomplishments:
    - Achieved an accuracy rate of 89% on Deep Learning Models.
    - Achieved an accuracy rate of 85% on Machine Learning Models.
    - Adaptable to new datasets.
    - Implemented the system using open-source tools and libraries.

- Call Center Dashboard: I have created complete Dashboards on Call Center's data. Analyzing their Performance, Agent Performance, Queue Analysis, Customer Satisfaction, Sales and revenue, Trend Analysis and Ad Hoc Analysis.
  - Accomplishments:
    - Story telling through Graph visualization.
    - Performed ETL and DAX Queries to derive new columns & measures.

- Employee Attendance Dashboard: Created a complete Dashboard of the attendance of the Employee's. Department-wise and Location-wise further more Time analysis and Correlation Analysis have been performed.
  - Accomplishments:
    - Keeping Track of the Employee's.
    - ETL and DAX Queries to derive new columns & measures.

Education

University of Management and Technology
Oct 2021 - current

BS Artificial Intelligence

Skills

- Artificial Intelligence
- Deep Learning
- Machine Learning
- Python
- Natural Language Processing
- Django/Flask
- Power BI/ Power Query
- SQL
- NLTK, spaCy
- Github
- Tokenization
- Data Cleaning, Data Warehousing
- Data Visualization, Data Modeling
- DAX Query, ETL
- Data Analysis, Data Handling, Pre-Processing
- Linear Algebra, Probability
- Communication
- Team Collaboration, Problem Solving, Critical Thinking
- Continuous Learning
- Project Management
- Deployment & Analysis
- Sentiment Analysis

Certificates

- Power BI Essential Training on LinkedIn Learning.
- SSIS on LinkedIn Learning
- Intro to AI Ethics on Kaggle.

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