

MUHAMMAD HASEEB

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EXPERIENCE

CLIENTPOINT

On-site, Karachi

Quality Assurance Analyst

Jan 2023 - Present

- Created comprehensive test scenarios, plans, and scripts, ensuring thorough testing coverage and adherence to software requirements.
- Utilized a robust bug tracking system to identify, document, and report software flaws to developers.

CLOUD INNOVATORS SOLUTION

On-site, Karachi

Data Research Analyst

Jan 2021 - Dec 2022

- Developed and implemented prediction models with a success rate of 90%, utilizing statistical and machine learning techniques to make accurate forecasts.
- Applied various data analysis techniques, including statistical analysis, data mining, and data visualization, achieving 95% effectiveness in gathering, storing, and analyzing data.
- Ensured data quality and integrity by gathering relevant information from diverse sources, resulting in a 98% accuracy rate for subsequent analysis.
- Leveraged data analysis results to answer data-driven questions, supporting decision-making processes. Provided valuable insights contributing to a 25% improvement in business strategies and problem-solving.

PAPERLESS PROPOSAL

On-site, Karachi

Junior Data Analyst

Jun 2019 - Dec 2020

- Extracting insights and performing data manipulation in Microsoft Excel.
- Skilled in conducting Exploratory Data Analysis (EDA) to uncover patterns and trends in datasets.
- Proficient in utilizing Python, including Pandas and NumPy, for efficient data analysis tasks.

PROJECTS

STORE SALES - TIME SERIES FORECASTING

- Achieved 99% completeness in crucial 'sales' and 'onpromotion' features, ensuring a highly accurate dataset.
- Augmented dataset insights by extracting 'year,' 'month,' and 'day,' along with a binary 'is_holiday' feature.
- Implemented a top-tier Random Forest model, yielding a remarkable RMSLE of 1.28 for precise sales predictions.

DETECT AI GENERATED TEXT – XGBCLASSIFIER

- Merged essay and prompt data, creating a powerful 'combined_text' feature for comprehensive information representation.
- Employed XGBoost with hyperparameter tuning and cross-validation, achieving a robust ROC-AUC score of 0.89 for effective binary classification.
- Directed to display 2 features – worldwide cases and countries-based report; clickable markers on the map to show country stats
- Utilized the trained model to make predictions on the test set, generating a submission file with predicted 'generated' probabilities for streamlined evaluation and deployment.

STOCK PRICE PREDICTION USING LSTM

- Utilized Plotly for compelling line plots, visually comparing original closing prices with LSTM-predicted values.
- Clearly communicated insights on the model's ability to capture underlying trends and fluctuations.
- Extended LSTM modeling to forecast the next 10 days' closing prices with a robust accuracy rate of 75%.
- Presented a concise visualization, aligning predicted values with the actual closing prices over the last 15 days.

EDUCATION

IQRA UNIVERSITY

Karachi, Pakistan

Bachelor of science; Computer Science

Jan 2016 - Dec 2020

- Member of the Sport team, Passing Grade :1st Division

GOVERNMENT NATIONAL COLLEGE

Karachi, Pakistan

Intermediate

Jan 2014 - Dec 2015

- Awards: Best Student
- Leadership: Class Representative

ADDITIONAL

- **Technical Skills:** Python, HTML/CSS, Basic JavaScript, MATLAB, SQL, Git, Django python, Excel
- **Languages:** Fluent in English, Urdu(native); Conversational Proficiency in Punjabi
- **Certifications & Training:** Google Data Analytics program, Google Data Analytics, Python and Statistics for Financial Analysis, Excel Skills for Data Analytics and Visualization Specialization, Machine Learning Real World Case Studies
- **IDEs and Software:** Visual Studio Code, PyCharm, Jupyter Notebook, Google Colaboratory