







Gulzar Ahmed Butt


CONTACT

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SKILLS

- Problem solving
- Data visualisation
- Power BI
- Machine Learning
- Deep Learning
- Data Analysis
- SQL
- Python
- ETL Data Pipelines (Extract, Transform and Load)

LANGUAGES

English

Advanced

Arabic

Intermediate

Urdu

Native

PROFESSIONAL SUMMARY

Perceptive and logical **data analyst** with proven ability to communicate with both technical professionals and end users to identify and translate business requirements. Offering 4 years of experience driving data accuracy and integrity. Proven ability to build and lead teams of talented professionals to develop valuable process solutions to meet business objectives.

WORK HISTORY

Data Analyst 05/2023 - Current
Norconsult Telematics - Riyadh

- Led a major traffic flow and urban mobility improvement project for Riyadh Municipality, successfully managing substantial budgets and applying strategic thinking, technical expertise, and collaboration to achieve tangible outcomes.
- Conducted Routes Analysis resulting in a 12% increase in traffic efficiency, and Origin and Destination Analysis leading to a 10% reduction in commute times, effectively optimizing traffic flow in Riyadh.
- Executed Junction Analysis to enhance intersection throughput by 10%, and spearheaded Incidents Analysis, resulting in a 12% reduction in traffic disruptions, proactively mitigating potential incidents.
- Collaborated closely with interdisciplinary teams, including urban planners and transportation engineers, integrating data-driven insights seamlessly into Riyadh's urban development initiatives.
- Utilized specialized techniques such as Geospatial Data Analysis, Tomtom Traffic Data Integration, Power BI for Reporting and Dashboards, and ETL Pipelines to ensure accurate and insightful analysis for informed decision-making.

Associate Analytics Consultant 11/2021 - 07/2023
Ascend Solutions - Riyadh

- Developed tailored Power BI dashboards with M-Query, complex DAX functions, and effective data relationships for the Ministry of Health in collaboration with Health Holdco.
- Coordinated with development teams for timely delivery of actionable insights, facilitating prompt resolution of complaints and affected areas for RCC/RCU teams.
- Led key projects including Riyadh First Health Cluster, Al ULA Transformation, and Qassim Cluster, overseeing data alignment, pipeline development, analysis, and Power BI dashboard creation.
- Tools and Technologies I have worked on: Python, Power BI, SQL, SSIS, MS SQL Server, REST APIs.

Data Scientist 09/2020 - 08/2021
Merafuture - Islamabad

- Developed a structure in which training data should be collected from the students of different universities of Pakistan
- Utilized Power BI for data cleansing and enhancement
- Conducted outlier removal for improved accuracy
- Extracted valuable insights on student aptitudes
- Developed and deployed a refined Random Forest Model predicting future fields based on aptitude, utilizing Python Flask Framework on Google App Engine.

EDUCATION

Bachelor of Science: Software Engineering, 07/2020
National University of Sciences And Technology Islamabad – Islamabad, Pakistan

Postgraduate Certification: Artificial Intelligence, 10/2023 – Current
University of Liverpool – United Kingdom

CERTIFICATIONS

- DP-900 Microsoft Azure Data Fundamentals