

Mehwish Mukhtar

Data Analyst

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PROFESSIONAL SUMMARY

Data Analyst at Fortray Global Services Ltd with expertise in SQL, Python, Tableau, and Power BI. Developed performance dashboards and automated reports that increased data-driven decision-making efficiency by 30%. Enhanced data pipeline processes, supporting key business strategies and improving data accuracy.

SKILLS

- **Tools & Technologies:**
Python (Pandas, NumPy, basic ML), SQL (MySQL, PostgreSQL), Power BI, Tableau, Advanced Excel (Power Query), R, Hadoop, Spark, Jupyter Notebook, GitHub, JIRA, Microsoft 365 (Outlook, Teams, SharePoint, OneDrive)
- **Processes:**
Exploratory Data Analysis (EDA), KPI & Trend Tracking, Data Cleaning & Normalization, Statistical Forecasting, Predictive Modeling, Risk & Compliance Reporting, Workforce, Hypothesis Testing, Regression, Time Series, Agile & Process Optimization
- **Soft Skills:**
Stakeholder Engagement, Communication, Critical Thinking, Problem Solving, Time Management, Attention to Detail, Teamwork in Agile Environments.

TRAINING & CERTIFICATIONS

- Salesforce Tableau Certificate for data analyst (Oct 2025)
- Google Data Analytics Professional Certificate – Coursera (Training)
- Business Analytics with Excel (Training)
- Programming Basics and Data Analytics with Python (Training)
- Data Analytics with R (Training)
- SQL (Training)

EXPERIENCE

Junior Data Analyst Intern

Fortray Global Services Ltd, London, UK

Jun 2025 – Present

- Engineered and optimized complex SQL queries, improving data extraction speed by 30% for business-critical analysis.
- Executed data profiling and cleaning, enhancing dataset accuracy by 25% for reliable reporting.
- Designed and automated 15+ reports and dashboards using Excel, Power BI, and Looker, reducing manual reporting time by 40%.
- Analyzed A/B testing results, increasing experiment insight accuracy by 20% and effectively presenting findings to stakeholders.
- Translated business requirements into technical solutions through data modeling and visualization, accelerating project delivery by 15%.
- Collaborated with data engineers to streamline ETL workflows, boosting data pipeline efficiency by 35%.

PROJECTS

Comparative Analysis of Bakeries' Performance Through Customer Review Analysis | Python, Google Colab

Objective: To evaluate and compare bakery performance through sentiment analysis of customer reviews.

Tools & Technologies: Python (Pandas, NumPy, NLP, Scikit-learn), Google Colab

Process:

- Collected and preprocessed customer review data from multiple sources for text analysis.
- Performed sentiment and keyword analysis using NLP techniques to extract key trends and customer satisfaction metrics.

Result/Impact: Generated actionable insights into customer preferences and performance indicators, guiding marketing strategies and improving overall business performance.

Holbeach Weather Forecasting | R Programming

Objective: To perform time-series forecasting for weather prediction to support agricultural decision-making.

Tools & Technologies: R (tidyverse, forecast, ggplot2)

Process:

- Conducted statistical and time-series analysis on historical weather data.
- Developed visualizations to communicate forecast results effectively to stakeholders.

Result/Impact: Provided accurate weather forecasts and visual insights, enabling data-driven agricultural planning.

UK Crime Data Analysis Using Big Data Technologies | Python, Power BI, Jupyter Notebook

Objective: To analyze and visualize long-term crime trends across the UK for better policy insights.

Tools & Technologies: Python (Pandas, NumPy), SQL, Power BI, Jupyter Notebook

Process:

- Cleaned, transformed, and analyzed over ten years of crime data using Python and SQL.
- Built interactive dashboards to visualize crime trends, hotspots, and category correlations.

Result/Impact: Supported data-driven decision-making by providing clear insights into crime distribution and long-term safety trends.

EDUCATION

Master's in Data Analytics and Technologies | *University of Bolton, United Kingdom* | *Sep 2023 – Sep 2024*

MSc in Information Technology | *University of Gujrat, Gujrat, Pakistan* | *Oct 2013 – Nov 2015*

Associate Degree in Information Technology | *University of Gujrat, Gujrat, Pakistan* | *Sep 2011 – Sep 2013*

REFERENCE

Reference would be provided upon request.