

SANA UR REHMAN

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PROFESSIONAL SUMMARY

Data Analyst and Data Scientist with 10+ years of experience in financial services and logistics. Specializing in credit risk analytics, machine learning, business intelligence, and data-driven process optimization. Advanced proficiency in Python, SQL, R, Power BI, Tableau, and cloud technologies (AWS, Azure, GCP), with expertise in TensorFlow, Keras, and Scikit-learn. Experienced in ETL pipelines using Apache Airflow, BigQuery, and interactive visualizations in Looker. Delivered measurable improvements including 20% logistics route efficiency gain, 15% operational cost reduction, and 30% faster data retrieval. Skilled in predictive modeling, deep learning, KPI reporting, forecasting, ETL processes, and analytics automation.

TECHNICAL SKILLS

- Programming, Machine Learning & Data Science: Python, SQL, R, Pandas, NumPy, Scikit-learn, TensorFlow, Keras, Spark, Hadoop
- Visualization Tools: Power BI, Tableau, Excel, Looker
- Databases: MySQL, PostgreSQL, IBM Db2, Snowflake, BigQuery
- Cloud: AWS, Microsoft Azure, Google Cloud Platform (GCP)
- Tools & MLOps: Git, CI/CD Pipelines (GitHub Actions), Apache Airflow, JIRA, Confluence
- Domains: Machine Learning, Data Science, Credit Risk, Financial Analysis, BI, Supply Chain Optimization
- Additional Skills: ETL, Data Modeling, Deep Learning, Forecasting, KPI Tracking, A/B Testing, Data Warehousing

WORK EXPERIENCE

Data Analyst / Reporting Officer (Freelancer) – United Bank Limited | Nov 2025 – Present

- Analyze and consolidate data from multiple systems to support performance tracking, MIS reporting, and incentive calculations.
- Calculate and manage multiple incentive schemes and dashboards.
- Coordinate with managers, HR, and IT for accurate processing.
- Generate analytical and operational reports.
- Ensure compliance and support audits.

Risk / Data Analyst – Revolut | Apr 2024 – Oct 2025

- Analyzed large-scale credit card and loan datasets using SQL and Python.
- Built Looker and Tableau dashboards to track KPIs.
- Developed machine learning credit scoring models to reduce default risk.
- Delivered training on credit risk and data literacy.

Independent Data Analyst & Analytics Engineer (Freelance) | Jan 2020 – Dec 2024

- Architected cloud-native data platforms on GCP.
- Designed ETL pipelines using Python and Apache Airflow.
- Designed and implemented CI/CD pipelines to automate testing and deployment of Python-based ETL workflows and predictive models.
- Built BI solutions using Looker and Looker Studio.
- Migrated on-premise systems to AWS, Azure, and Snowflake.
- Developed predictive models and executive dashboards.

Data Analyst – UPS, Sweden | Jan 2020 – Feb 2024

- Developed ML clustering models improving route efficiency by 20%.
- Reduced annual expenses by 15% using SQL cost analysis.
- Built Power BI and Looker dashboards.
- Integrated data into GCP for BI reporting.

EDUCATION

- MSc Financial Engineering – WorldQuant University
- MBA Business Analytics – O.P. Jindal Global University
- BS Computer Science – University of the People
- Bachelor of Business Administration – University of the People
- Bachelor of Commerce – University of Sindh

CERTIFICATIONS

- Google IT Support
- IBM Cybersecurity Analyst
- IBM IT Scrum Master
- Google Advanced Data Analytics
- Google Data Analytics
- IBM Data Science
- IBM Data Analyst
- IBM Data Engineering
- Business Intelligence Analyst Specialization (Tableau)
- Johns Hopkins Data Science Specialization
- Microsoft Power BI Data Analyst

LANGUAGES

- English: Fluent / Professional Proficiency