

Sahib Dino

Pakistan — LinkedIn — Portfolio
Physics Graduate — Data Analyst

Professional Summary

Physics graduate transitioned into Data Analytics within the banking sector. Skilled at bridging the gap between complex data and actionable insights with analytical rigor, focusing on automation, predictive modeling, and evidence-based problem solving.

Technical Skills

Data Analysis:	Clean, explore, and prepare data using Python (Pandas/Polars), R, and Excel
Visualization:	Power BI, Tableau, and Matplotlib for clear business insights
Database & Tools:	SQL (BigQuery/PostgreSQL), DAX, Git, Google Prompting Essentials
Domain Knowledge:	Banking Operations, Internal Control, Monitoring & Compliance

Professional Experience

Askari Bank	Islamabad, Pakistan
<i>Data Analyst – Monitoring & Internal Control Dept.</i>	August 2025 – Present
- Analyze daily and monthly banking datasets to support monitoring, compliance, and internal control. - Build Excel-based summaries, dashboards, and regular reports for management and stakeholders. - Enhanced reporting efficiency by 30% by automating summary cycles using Power Query and Python (Pandas/Polars) for complex TAT and aging calculations. - Identified data inconsistencies in bank-wide CBS data using Python-based text processing and regex, providing structured quality-assurance reports for audit and compliance readiness. - Fulfilled specialized data requests for stakeholders and developed performance dashboards to identify departmental bottlenecks and track operational efficiency.	
Allied Schools	Rawalpindi, Pakistan
<i>Physics Instructor</i>	February 2025 – July 2025
Educated students on fundamental physics principles, fostering analytical thinking and evidence-based reasoning.	
National Center of Physics	Islamabad, Pakistan
<i>Research Intern</i>	September 2024 – December 2024
- Conducted radiation damage simulations using SRIM and applied material characterization techniques. - Assessed material resilience under ion irradiation, providing valuable insights into material science.	

Projects

pakgender — South Asian Name Gender Inference — Python, RegEx, TestPIPY, Software Packaging
- Developed and structured an open-source Python library specifically tailored for rule-based and deterministic gender inference of South Asian names. - Built specialized text preprocessing pipelines using regular expressions to accurately handle complex regional naming conventions, prefixes, and cultural nuances. - Packaged the library with modular error handling and successfully deployed it to TestPyPI, streamlining demographic data-cleaning workflows for regional datasets.
Customer Churn Prediction — Python, scikit-learn, XGBoost, SHAP
- Built an end-to-end churn model on a 7,000-row telecom dataset. Trained and compared four classifiers (Logistic Regression, Decision Tree, Random Forest, XGBoost) using precision-recall curves rather than accuracy, since the dataset had a 26/74 churn imbalance. - The winning XGBoost model achieved an F1 of 0.61 and PR-AUC of 0.65. Applied <code>scale_pos_weight</code> to handle class imbalance, then used SHAP to explain which features drove churn — translating model output into clear business takeaways.
IBM HR Attrition Analysis — R, Tableau, BigQuery, Power BI
Explored employee attrition patterns using the IBM HR dataset across a multi-tool stack.

Education

Riphah International University	Pakistan
<i>Bachelor of Science in Physics (CGPA: 3.79/4)</i>	January 2021 – December 2025

Professional Development

Google Data Analytics Professional Certificate	June 2025 – August 2025
Google Business Intelligence Professional Certificate	September 2025 – October 2025
Business Intelligence Certification (NIBAF Pakistan)	August 2025 – October 2025