Khalid Abdelrazk
Junior Data Analyst | Business Intelligence Analyst

Phone: +20 101 556 5612
Email: khalidabdelrazk4@gmail.com
LinkedIn: linkedin.com/in/khalidabdelrazk
GitHub: github.com/khalidabdelrazek
Location: Cairo, Egypt

Summary

Junior Data Analyst / Business Intelligence Analyst with 1+ year of experience **extracting insights from large-scale healthcare and business datasets** (100K–1M+ records) using Python, SQL, Excel, Power BI, and Tableau. Delivered 7+ end-to-end analytics projects that **optimized operations, reduced delays, and informed data-driven decisions by up to 40%**. Skilled in KPI tracking, executive dashboards, trend identification, root-cause analysis, and presenting actionable insights to stakeholders.

Skills

- **Data Analysis & Business Intelligence:** Exploratory Data Analysis (EDA), Statistical Analysis, KPI Tracking, Root Cause Analysis, Business Intelligence Reporting
- **Programming & Databases:** Python (Pandas, NumPy), SQL (Joins, Aggregations, CTEs, Window Functions), SQL Server
- **BI & Visualization Tools:** Power BI (DAX, Measures, Dashboards), Tableau, Microsoft Excel (Pivot Tables, Advanced Formulas)
- **Machine Learning & Analytics:** Customer Segmentation, Predictive Modeling, Feature Engineering, Imbalanced Data Handling
- **Tools & Platforms:** Jupyter Notebook, Git, GitHub
- **Additional:** C, C++, Flutter, Dart, REST APIs
- **Soft Skills:** Stakeholder Communication, Data Storytelling, Cross-Functional Collaboration

Experience

- **OneAinity — Part-Time Flutter Developer**   *Jun 2025 – Nov 2025*
  - Integrated 10+ REST API endpoints to ingest and display structured JSON data, enabling real-time functionality across mobile features.
  - Collaborated with a 5-member cross-functional team (Flutter, backend) to test, validate, and deploy 2+ production releases.
  - **Optimized API response parsing**, reducing data-related UI errors by ~25%.
  - Conducted data validation and debugging to enhance accuracy and application stability.
- **IDH (Integrated Diagnostics Holdings) — Data Scientist Intern**   *Aug 2025 – Sep 2025*
  - **Examined** 500K+ healthcare and laboratory records using Python and SQL to identify operational bottlenecks through data cleaning, preprocessing, and EDA.
  - Executed 60+ SQL queries to **evaluate turnaround times** across 10+ branches and operational units.
  - **Developed** 6+ Power BI dashboards to monitor KPIs across test lifecycle stages, increasing visibility into performance and delays.
  - Identified recurring delay patterns, enabling a projected 15% improvement in turnaround times through better monitoring and escalation.
  - Applied customer segmentation and predictive modeling to forecast demand and optimize resource allocation.
- **NTI (National Telecommunication Institute) — Data Analysis Training**   *Jul 2025 – Aug 2025*
  - **Reviewed** 5+ real-world datasets (10K–100K records) across healthcare, HR, and business domains using Python, SQL, and Power BI.
  - **Created** 4 interactive dashboards to track KPIs and trends, reducing manual reporting time by ~30%.
  - Completed end-to-end data analysis workflows, including data cleaning, EDA, visualization, and presenting actionable insights.
- **2B Company — CRM Intern (Siebel)**   *Sep 2024 – Oct 2024*
  - Managed customer data and customized workflows within Siebel CRM systems.
  - Assisted with troubleshooting, testing, and documentation, improving CRM efficiency and adoption.

Projects

- **IDH Daily Visits Analysis | Excel, Power BI**
  - Standardized 100K+ branch visit records for analysis.
  - **Constructed** Power BI dashboards tracking daily visits, unique visit rates, and branch-level KPIs.
  - Highlighted performance gaps, improving operational efficiency by ~20%.
- **IDH Test Delay Analysis | Power BI**
  - **Investigated** 500K+ lab records to identify delay patterns.
  - Built dashboards visualizing delays across departments and stages.
  - Enabled proactive monitoring, reducing turnaround time by ~15%.
- **IDH House Call Prediction | Python, Pandas, Scikit-learn**
  - **Developed** predictive models on 1M+ imbalanced records to forecast house call demand.
  - Performed feature engineering, data preprocessing, and resampling to improve accuracy.
  - Enhanced forecasting and resource allocation effectiveness by ~18%.
- **Customer Churn Analysis | Python, Pandas**
  - **Explored** large-scale customer datasets to evaluate churn behavior.
  - Conducted segmentation and behavioral analysis to identify high-risk groups.
  - Delivered actionable insights for targeted retention strategies.
- **HR Employee Attrition Analysis | Python, SQL Server, Power BI**
  - Built an ETL and analytics pipeline on 10K+ employee records.
  - **Identified** key attrition drivers through statistical analysis and visualizations.
  - Designed dashboards supporting HR retention and workforce planning decisions.

Education & Certifications

Bachelor of Engineering – Telecommunications Engineering (In Progress)   **GPA 3.1**

Beni-Suef University, **Beni-Suef**

Expected Graduation: *June 2026*

Courses :

- **Data Analysis**
  Vocat — Learning data manipulation, visualization, SQL, Database and analysis using Python libraries such as Pandas, NumPy, and Matplotlib.
- **Machine Learning**
  Self-paced — Covering supervised and unsupervised learning, model evaluation, and real-world applications of machine learning in data-driven decision-making.
- **Advanced Microsoft Excel for Engineers**
  Self-paced — Focused on formulas, pivot tables, data visualization, conditional formatting, and basic automation for engineering data tasks.
- **C Programming, Data Structures & Algorithms**
  Online Course — Strengthened foundational programming and problem-solving skills with arrays, linked lists, trees, and sorting/searching algorithms.
- **Flutter Mobile App Development**
  Route Academy — Training in building responsive cross-platform apps using Flutter, with hands-on projects and clean architecture patterns.

Languages

- Arabic : Native
- English : Conversational