

HISHAM MAHMOUD AHMED

Power BI Developer | Data Engineering, Reporting & Dashboard Specialist
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PROFESSIONAL SUMMARY

Power BI Developer with 6+ years building dashboards, reports and SQL-based data pipelines for banking and financial services, including the Emirates NBD account. Strong in DAX, Power Query, T-SQL, stored procedures, data modelling (star and snowflake schemas), Row-Level Security and performance optimization. Led the migration of 1,000+ legacy reports to Power BI, improved query performance by up to 35%, and automated recurring reporting workflows. Open to relocation.

PROFESSIONAL EXPERIENCE

Senior Business Intelligence Consultant

Jun 2026 – Present

Avvale (client: AWQAF, Saudi Arabia) | Cairo, Egypt

- Deliver Power BI solutions and data analytics for AWQAF (General Authority of Awqaf, Saudi Arabia) as part of a Madrid-headquartered global consultancy.
- Lead a SAP Analytics Cloud to Power BI migration across HR, Budget, MM, Real Estate and Asset Management, building scalable data models, executive dashboards, and BI governance frameworks.

Business Intelligence Engineer

Nov 2023 – Jun 2026

Synechron (client: Emirates NBD Bank, Dubai) | Cairo, Egypt

- Recognized as Top Performer, Q1 2024, for contributions to BI consulting, client success and digital transformation.
- Worked directly with Emirates NBD Bank's core banking systems, leading migration of 1,000+ legacy reports from IBM Cognos to Power BI, improving dashboard interactivity and user adoption by 40% while cutting report generation time by 50%.
- Built and maintained 10+ enterprise Power BI dashboards for C-level stakeholders, including Key Risk Indicator (KRI) monitoring for real-time risk analytics.
- Migrated core banking data from SAP HANA to Apache Hive and optimized SQL/ETL processes, improving query performance by 35% and cutting risk-reporting time by 50%.
- Developed complex DAX measures and data models supporting multi-dimensional analysis across datasets exceeding 1M rows.

Senior Data Analyst (progressed from Data Analyst)

Nov 2021 – Oct 2023

AMAN Holding | Giza, Egypt

- Promoted to Senior Data Analyst (Jan 2023) after 1+ year as Data Analyst; led and mentored a team of 5 BI analysts, earning Best Employee Q1 2023.
- Designed and delivered 30+ KPI dashboards and SSRS reports across 5 business units, processing high-volume transaction data and accelerating decision-making by 25%.
- Implemented data quality validation frameworks, raising report accuracy to 98% and ensuring regulatory and governance compliance.
- Automated recurring reporting workflows using SQL and data modeling, saving 10+ hours per week and reducing processing time by 30%.

Data Analyst (Remote)

May 2021 – Oct 2021

Elham | Riyadh, Saudi Arabia

- Built interactive Power BI and Google Looker Studio dashboards tracking learner progress and engagement, improving insight accuracy by 15% and retention by 10%.
- Analyzed large datasets in Google BigQuery and PostgreSQL to surface trends and support cross-functional decision-making.

Power BI Specialist (Remote)

Nov 2020 – Apr 2021

Xten | Wuppertal, North Rhine-Westphalia, Germany

- Delivered Power BI dashboards for a German logistics client, monitoring last-mile delivery KPIs and cash/liquidity balances in real time.
- Wrote and optimized SQL queries to prepare and transform data warehouse data for executive-level reporting.

CORE SKILLS

BI & Visualization: Power BI (Advanced), Power BI Service, DAX, Power Query, SSRS (Paginated Reports), Dashboard Design, Tableau, IBM Cognos

SQL & Data Engineering: SQL Server (T-SQL, Stored Procedures), SQL-based ETL, Query Optimization, Trino, Sybase, MySQL, PostgreSQL, Oracle

Security & Performance: Row-Level Security (RLS), On-Premises Data Gateways, Scheduled Refresh, Performance Optimization, BI Governance

Data Modeling: Star and Snowflake Schemas, Dimensional Modeling, Data Warehousing, Data Quality Validation

Domain & Delivery: Banking and Financial Services Reporting, Requirement Gathering, Agile, Stakeholder Management

Languages: Arabic (Native), English (Fluent)

EDUCATION

Diploma in Data Analysis

Nov 2020 – Feb 2021

Information Technology Institute (ITI), Cairo, Egypt

Bachelor of Computer Science

Sep 2014 – Sep 2018

Misr University for Science and Technology (MUST), 6th of October City, Egypt