

Israr Mohammed

Data Analyst, Business Analyst and BI Analyst

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LinkedIn

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GitHub

[github.com/israr-mohammed \(https://github.com/israr-mohammed/\)](https://github.com/israr-mohammed)

Portfolio

[portfolio-website-bo0.pages.dev \(https://portfolio-website-bo0.pages.dev/\)](https://portfolio-website-bo0.pages.dev)

Professional summary

I'm a data analyst, business analyst and BI analyst with 4 years of experience turning operational data into validated datasets and Power BI dashboards. At EXL, I work across SQL, Python, Databricks and Power BI to close process gaps for a UK utility client. My background in mechanical and production engineering shapes a process-driven approach: measure, model, improve.

Experience

Business Analyst , EXL

Apr 2025 to present

- Supported 5 major business processes for a UK utility client. Translated business requirements and ad hoc requests into validated datasets and reporting solutions using Databricks and Spark SQL.
- Migrated 35+ SQL/HQL scripts from Amazon Redshift and Hadoop to Databricks using Spark SQL.
- Handled 80+ ad hoc data requests for UK stakeholders, delivering 90% within SLA.

Tools: SQL, Python, Databricks, Spark SQL, Power BI, DAX, Pandas, Tableau, Alteryx

Assistant Manager , TVS Credit

Jan 2025 to Mar 2025

- Developed Excel dashboards and MIS reports for daily delinquency monitoring, tracking non-payment ageing buckets up to 5 days.
- Automated recurring reporting using Excel Macros, Pivot Tables, INDEX-MATCH and VLOOKUP.

Tools: Advanced Excel, Excel Macros, Pivot Tables, INDEX-MATCH, VLOOKUP

Career break and upskilling

Feb 2023 to Dec 2024

Continued building analytics skills; completed the IBM Data Analyst Professional Certificate and the Codebasics Data Analytics Bootcamp. The break was for competitive government examination preparation.

Senior Associate and Associate , Think & Learn Private Limited (BYJU'S)

Jul 2020 to Jan 2023

- Used MySQL, Power BI and Power Query to assess scholarship test and student assessment data.
- Contributed to the BYJU'S Neo Classes project from ideation and sample collection through content preparation.
- Built and maintained Power BI dashboards and KPI reports on student engagement, learning progress, dropout trends and assessment performance.

Tools: MySQL, Power BI, Power Query, Excel

Skills

Programming and data analysis

Python, Pandas, NumPy, SQL, MySQL

BI and visualization

Power BI, Tableau, DAX, Power Query, Data Modelling, Dashboard Development

Data platforms

Databricks, Spark SQL, Hadoop, Hive/HQL, Amazon Redshift

Analytics and business

Data Analysis, Data Validation, KPI Reporting, Advanced Excel, Alteryx, Requirement Gathering, Stakeholder Management

Education and certifications

Education

M.Tech, Production Engineering

Malaviya National Institute of Technology (MNIT), Jaipur, 2018 to 2020

B.Tech, Mechanical Engineering

Rajasthan Technical University (RTU), Kota, 2013 to 2017

Certifications

IBM Data Analyst Professional Certificate

IBM / Coursera

Data Analytics Bootcamp

Codebasics

Selected projects

Business 360 Dashboard

A Power BI dashboard built for a bootcamp challenge: a computer-hardware distributor's Excel-based reporting wasn't giving the business what it needed, so the brief was to replace it with one dashboard covering Finance, Sales, Marketing, Supply Chain and Executive views.

Power BI, MySQL, Power Query, DAX, Excel

[Case study \(https://portfolio-website-bo0.pages.dev/projects/business-360/\)](https://portfolio-website-bo0.pages.dev/projects/business-360/) [View Live Dashboard](#)

Beverage Market Analysis

A Power BI analysis of a 10-city, 10,000-respondent consumer survey for an energy-drink market-entry brief, turning survey results into marketing insight.

SQL, Power BI, Power Query, DAX

[View Live Dashboard](#)

IPL 2024 Analytics

A Power BI report built for a sports-magazine bootcamp brief: turning three seasons of IPL data into batting and bowling leaderboards, team form, and playoff and winner predictions.

Power BI, Power Query, DAX

[View Live Dashboard](#)