

Yacine Ben Abdallah

Data Engineer specializing in Microsoft Fabric and Power BI with 3+ years building ELT pipelines and analytics at scale. Microsoft Certified: Power BI Data Analyst Associate. Delivered 20+ enterprise reports used by cross-functional teams.

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CORE SKILLS

- **Data engineering:** Microsoft Fabric, Lakehouse, OneLake, Delta Lake tables, Dataflows Gen2, Data Pipelines, ELT/ETL, REST APIs (JSON, OAuth2), CI/CD, Git/Azure DevOps
- **BI and modeling:** Power BI (Desktop/Service), DAX, Power Query (M), Tabular modeling, star schema (Kimball), RLS, Incremental Refresh, Deployment Pipelines, Performance tuning
- **Databases and apps:** SQL/T-SQL, Azure SQL, Azure Cosmos DB, Salesforce, HubSpot, Intercom, Planview, HiBob, Domo.
- **Methods:** Data quality and testing, requirements gathering, stakeholder management

WORK EXPERIENCE

Expensya by Medius

Jul 2022 – Present

Data Engineer | Aug 2023 – Present

Tunis, Tunisia

- Implemented Domo sandbox and deployment workflows to validate changes pre-production, reducing production deployment errors by 25%.
- Developed 5+ training decks, increasing team proficiency with Domo and internal BI workflows.
- Partnered with Revenue Operations to deliver a Sales Performance & Funnel dashboard covering quota attainment, bookings, pipeline coverage, MQL→SQL conversion, and sales-qualified pipeline (SQP/SQO); analyses and recommendations contributed to a 30% improvement in funnel conversion.
- Led development of 20+ Power BI reports and certified datasets using star schema, DAX, and RLS; introduced Incremental Refresh and Deployment Pipelines to improve reliability and release speed.
- Built ingestion to Microsoft Fabric Lakehouse from HubSpot, Salesforce, Intercom, HiBob, Planview, and Azure Cosmos DB via REST APIs, SQL connectors, Dataflows Gen2, and Data Pipelines.
- Created a standardized specification template for stakeholder requirements, improving alignment and reducing rework.

Power BI Developer | Jul 2022 – Aug 2023

Tunis, Tunisia

- Delivered a Payment operations dashboard for a new product; defined metrics, modeled data, and automated refresh/alerts to enable daily operational tracking.
- Authored 100+ DAX measures and 50+ visuals across multiple reports; collaborated with cross-functional stakeholders to align operational and strategic requirements.

EDUCATION

Private Higher School of Engineering and Technology - ESPRIT

Sept 2018 – Sept 2023

Master's Degree, Computer Science

Tunis, Tunisia

- President, Inceptum Junior Enterprise (50 members): +20% turnover (7K TND) vs. prior mandate; led 7 client projects (web and mobile).
- Marketing Manager, Confederation of Junior Enterprises of Tunisia: managed 3 mission leaders across campaigns.

CERTIFICATIONS AND INTERESTS

- **Certifications:** Microsoft Certified: Power BI Data Analyst Associate, Domo Professional Certification.
- **Languages:** French, English and Arabic.
- **Interests:** Volunteering, Travel.