

# Mehdi Bhiri

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## EDUCATION

**Tunis Business School** Tunis, Bachelor of Science in Business Administration (2019- 2023)

Major: Business Analysis / Minor: Information Technology

Relevant Courses: Data Analysis and Mining, Econometrics, Time Series Analysis, Web Services, Database Management System, Operational Research Business English, Technical Writing, Debating Skills, Reporting Skills.

### **Extra-curricular Activities:**

- Member in Enactus TBS: (2019- 2020)
- Co-founder and President of TBS Startup Nation: (2020- 2021)  
A university association with a mission of guiding students to create their own startup.  
Collaborated with industry professionals to organize a series of entrepreneurship workshops and conferences, attracting over 200 attendees and receiving an average satisfaction rating of 4.8 out of 5.
- Member in Google Developers Students TBS (2022- 2023)

## Professional Experience:

End Of Studies Internship at AMZI SMART SOLUTIONS (February 2023- July 2023)

AI Engineer Intern

- Engineered an intelligent pipeline that dynamically selects optimal transcription models based on media input features, leading to a 15% increase in overall accuracy and reducing processing time by 30%.
- Developed and implemented an Adaptive Speech Recognition System utilizing Hugging Face models, resulting in precise transcription across both audio and video media, improving accuracy benchmarks by 20%.
- Utilized agile methodologies to foster seamless team communication and iterative feedback loops, resulting in enhanced project outcomes with a 10% reduction in development time.

## Personal Projects:

Power BI Dashboard: Analyzing Sales, Returns, and Customer Performance

- Integrated data from multiple sources including customer and product tables, transaction data, and return information to ensure comprehensive analysis.
- Utilized DAX measures to calculate key metrics such as net sales, gross profit margin, and quantity ordered, providing valuable insights for decision-making.
- Developed and implemented a Power BI dashboard to analyze sales performance, returns, and customer behavior.

Link: [Project BI Dashboard](#)

Power BI Dashboard: Freight and Logistics Analytics

- Created a comprehensive Power BI dashboard for transportation companies, consisting of two main sections: the "Drivers Dashboard" and the "State Analysis," providing key metrics and visualizations to support informed decision-making.
- Implemented a dynamic tooltip feature in the Drivers Dashboard, allowing users to hover over driver data and instantly access driver-specific information such as name, total drives, average fuel efficiency, average speed, fuel cost per kilometer, and total fuel consumption per kilometer.
- Utilized diverse data sources including Dim and Fact Tables to establish a robust foundation for analytics to derive meaningful insights into customer demographics, fleet management efficiency, driver performance analysis metrics across different American states.

Link: [Project BI Dashboard](#)

Data Analysis with SQL: Exploring Telangana's District Data

- Data Analysis Expertise: Successfully completed a comprehensive data analysis project, "Exploring Telangana's District Data: A SQL Analysis," demonstrating advanced skills in SQL queries, data extraction, and meaningful insights generation from complex datasets.
- Strategic Decision Support: Provided valuable data-driven insights, including revenue trends, e-stamp revenue contributions, and vehicle sales patterns, enabling informed strategic decision-making and resource allocation for the region's economic and transportation landscape.
- Problem Solver and Innovator: Employed innovative data analysis techniques to categorize districts by revenue, uncover correlations between vehicle sales and seasons, and identify top and bottom districts in terms of vehicle sales growth, all contributing to actionable recommendations and solutions for government agencies and businesses.

Link: [Project SQL Analysis](#)

## Hobbies:

Blogging About machine learning: [My Blog URL](#)

### **Technical Skills:**

Microsoft Tools: MS Power BI, MS Excel, MS PowerPoint, MS Word  
Python, SQL, PostgreSQL, SQLite, Pandas, Sklearn, Numpy, FastApi, Flask.

**Languages:** Fluent in English, French: Conversational, Arabic: Native