







Ali Ibrahim

Data Analyst

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PROFILE

I have a strong passion for analysis and critical thinking. With an insatiable curiosity for learning. I am finding myself drawn to data related fields that involve handling data and making informed decisions. I use tools like Python, SQL and Tableau to uncover insights and answer meaningful question.

SKILLS

- Programming & Data Analysis: Python (Pandas, Numpy)
- Database management: PostgreSQL, MYSQL, XAAMP, MongoDB
- Data Visualization: Tableau, D3.js, Matplotlib, Seaborn
- Web Development: HTML, CSS, JavaScript
- Version Control: Git, GitHub
- Scripting & Tools: Bash
- Languages: Java

EDUCATION

Lebanese International University

Bachelor of Science in Communication Engineering 2022 - Present

LANGUAGES

Arabic (Native)
English (Intermediate)
Spanish (Basics)

EXPERIENCE

Data Analysis with Python

Tools: Python(Pandas, Numpy, Matplotlib, Seaborn)

- Learned how to process and analyze data using Pandas and Numpy.
- Visualize data using Matplotlib and Seaborn to uncover insights and trends.
- Gained experience using Jupyter Notebook for writing, testing, and presenting data analysis projects.

Data Visualization with D3

Tools: D3.js, JavaScript, HTML/CSS

- Applied my background in HTML, CSS, and JavaScript (from previous self-learning) to effectively learn and use the D3.js library.
- Learned how to work with data using D3.js to build dynamic and attractive visualizations such as charts, graphs, and interactive elements like tooltips and hover effects.
- Created various projects including a bar chart, scatterplot, heat map, choropleth map, and treemap diagram - all with legends and interactive features.

Relational Database Projects

Tools: MySQL, PostgreSQL, XAMPP, JAVA, Bash, Git

- Learned terminal commands by building website boilerplates using only the command line (Bash).
- Developed multiple PostgreSQL databases for projects such as video game characters, students, World Cup data, and number guessing.
- Used Bash scripting and Git for automation and version control; all projects are pushed to GitHub.
- Gained hands-on experience with relational databases, SQL queries, and database schema design
- Built a Hospital Management System as a final university project using XAMPP, MySQL, and Java to design the user interface and manage backend data operations.