

# BOUZOUIDJA Abdelaziz Younes

Data scientist

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🇩🇿 Algerian    🌐 Abdelaziz Younes BOUZOUIDJA    🔗 My portfolio

## Profile

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A highly motivated and detail-oriented data scientist with a Master's degree in Statistics and Applied Probabilities. Possessing a strong foundation in mathematics and statistical analysis, I bring expertise in data-driven decision-making and problem solving. Proficient in R, Python, SQL, Tableau, and Power BI, with hands-on experience in data cleaning, modeling, and visualization. Known for my ability to translate complex data into actionable insights to support strategic objectives.

## Professional Experience

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<b>Statistical engineer,</b> <i>Agency for the Improvement and Development of Housing (AADL)</i>	2025 – present Algiers, Algeria
<ul style="list-style-type: none"><li>• Managed and explored relational databases using phpMyAdmin and MySQL Workbench.</li><li>• Extracted and structured data using SQL queries to support reporting and analysis.</li><li>• Cleaned raw data and prepared structured datasets for downstream analytics.</li><li>• Built interactive Power BI dashboards to visualize KPIs and support internal decision-making.</li><li>• Developed foundational data infrastructure in an organization with no prior statistical systems.</li></ul>	
<b>Teacher of Statistics and Probability,</b> <i>Université de Saad Dahleb</i>	2023 – 2025 Blida, Algeria

## Education

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<b>Master's Degree in Statistics and Applied Probabilities,</b> <i>University of science and Technology Houari Boumediene</i> Honors: Graduated with High Distinction (Mention Très Bien)	Algiers, Algeria
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## Competencies

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### Programming with R

- Data cleaning and wrangling
- Statistical modeling and regression analysis
- Predictive modeling (e.g., logistic regression, survival analysis)
- Data visualization

### Power Bi

- Data cleaning and transformation with Power Query.
- Capable of connecting and combining data from various sources to create cohesive reports.
- Skilled in creating, updating, and managing comprehensive reports and dashboards.
- Dashboard creation and KPI monitoring.
- DAX for calculated columns and measures.
- Interactive visualizations.

### Critical thinking

### Programming with Python

- Data analysis with pandas and NumPy.
- Data visualization.
- Basic scripting and automation.

### Tableau

- Skilled in using Tableau Prep for data cleaning and transformation.
- Experienced in joining data from multiple sources and performing data blending for unified analysis.
- Proficient in creating, updating, and managing interactive dashboards and visualizations.
- Visual storytelling for business reports

### Communication

## Languages

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- Arabic
- French
- English

### Mathematics and statistics

- Effective use of different statistical approaches
- Mastering various statistical methods

### Data collection

Find, collect, organize, process, and model data

### Research

- Direct research for specific answers.
- Advance beyond superficial results and initial assumptions
- Demonstrate creativity in seeking further information.
- Explore multiple perspectives and solutions.

### SQL

- Familiar with using SQL for data cleaning and preprocessing
- Able to join tables and create views to consolidate data from multiple sources
- Proficient at creating, updating, and managing database structures
- Using CTEs and temporary tables for data structuring
- Extracting and analyzing large datasets

### Microsoft Excel

- Advanced formulas.
- Pivot tables and charts.
- Data validation and conditional formatting.