

FATEMEH SALMANI

DATA SCIENTIST



PROFILE

Five years of professional experience as a Data Scientist, specializing in problem-solving, data analysis, and machine learning. Strong technical and analytical skills, with a proven ability to develop and implement data-driven solutions.

EDUCATION

2022 - 2024

**CONSERVATOIRE NATIONAL
DES ARTS ET MÉTIER (CNAM)**

- Master of Computer science

2014 - 2018

**UNIVERSITY OF SCIENCE AND
TECHNOLOGY**

- Bachelor of Computer Science

LANGUAGES

- English (Fluent)
- French (Upper Intermediate)

CONTACT

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🐙 github.com/fatemeh-salmani

🌐 <http://fatemehsalmani.com>

WORK EXPERIENCE

DATA SCIENTIST

2024 - PRESENT

Laboratoire Ville Mobilité Transport (LVMT)

- Developed a Natural Language Processing (NLP) algorithm for automated data analysis.
- Applied machine learning techniques to optimize data analysis, including Named Entity Recognition (NER) using the BERT model.
- Designed clustering methods to categorize and structure information.
- Developed a clear privacy representation to inform users about the use of their personal data in applications.

DATA ANALYSIS INTERN

Jun2023 - Sep2023

LABORATOIRE D'INFORMATIQUE DU CNAM(CEDRIC)

- Conducted data preprocessing and cleaning using SQL, Excel, and Google Cloud Platform (GCP).
- Performed geospatial data analysis with Python.
- Executed proximity analysis and data visualization.
- Provided quantitative data insights.
- Contributed to optimization through data-driven decision-making.

DATA SCIENTIST

2018 - 2022

ADVERTISING AGENCIES OF ADRO

- Preprocessed and cleaned user engagement data using Python, SQL, and APIs.
- Analyzed large-scale customer datasets using BigQuery and created insights to guide marketing strategy.
- Built and deployed basic predictive models (e.g., user conversion prediction) using Scikit-learn to support targeted campaigns.
- Created dynamic dashboards and automated reports with Power BI, Google Data Studio, and Excel to track campaign KPIs (CTR, ROI, conversions).

SKILLS AND CERTIFICATE

- **Languages and Frameworks:** Python, R, SQL, Julia, HTML, CSS
- **Machine Learning & NLP:** Scikit-Learn, PyTorch, Keras, TensorFlow, Named Entity Recognition (NER), BERT, Transformer Models
- **Data Analysis Tools:** Google Cloud Platform (GCP), Power BI, BigQuery, Pack Office, Excel, PowerPoint, KPI
- **Data Visualization:** Tableau, R (ggplot2, Plotly)
- **Design:** Adobe After Effect, Photoshop, Illustrator
- **Certificate:** Google Data Analytics Professional Certificate