

# 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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<https://github.com/fatemeh-Salmani>

<https://fatemeh-salmani.github.io>

### 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.

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2018 - 2022

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- Developed big data processing algorithms using Python and SQL to support business analysis.
- Built predictive analytics solutions to enhance data-driven marketing decisions.
- Utilized BigQuery to manage and analyze large-scale complex datasets.

### 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