

# BAKWENYE BENJAMIN

## DATA SCIENTIST

Passionate about data-driven solutions, I have a strong background in statistics, machine learning, and natural language processing. Whether independently or in diverse teams, I am capable of delivering meaningful and applicable results.

## CONTACT



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Nigerian, Russian

## EDUCATION

**Barcelona School of Economics,  
Barcelona**  
**Sep 2022 – Jul 2024**

Top 20 global economic institutions

MASTER OF DATA SCIENCE

7.7/10.0 GPA

**People's Friendship University,  
Moscow**  
**Sep 2015 – Jul 2017**

MASTER OF SCIENCE IN  
MECHANICAL ENGINEERING

5.0/5.0 GPA

## AREAS OF EXPERTISE

- Natural Language Processing
- Deep Learning Applications
- Web scraping
- Machine learning
- Spatial Data Analysis



## PROJECTS

BARCELONA SCHOOL OF ECONOMICS, BARCELONA

### **Automated feature extraction from merger documents: Novel approaches using LLMs**

- Created a pipeline and chatbot for efficient extraction and summary of key features in legal documents, significantly reducing analysis time.

### **Sentiment analysis of Russia Ukraine conflict**

- Proved the influence of propaganda during the conflict.
- Tools used: Twarc, NLTK, BERT.

### **Patient mortality risk and stay duration**

- Predicted patient's mortality rate with 86% accuracy and patient's length of stay with 90% accuracy.
- Tools used: Sklearn, SVM, K-nn nearest neighbor, Decision tree

## EXPERIENCE

### **Data Science research assistant**

INSTITUT D'ANALISI ECONOMICA, BARCELONA, SPAIN  
SEP 2023 – TILL DATE

- Area of expertise: NLP, video/audio information extraction, forecasting, web scraping

### **Researcher**

PEOPLE'S FRIENDSHIP UNIVERSITY, MOSCOW  
JAN 2020 – APRIL 2022

- Area of expertise: Additive technology

### **Mechanical design engineer**

HELYX TECHNOLOGIES, MOSCOW, RUSSIA  
JAN 2019 – DEC 2019

## SKILLS

- R, Python, Stata
- TensorFlow, Keras and Pytorch
- MySQL, Git, AWS – basic knowledge
- Shiny, matplotlib, Power BI, Tableau
- Teamwork
- Adaptability
- Time management
- Communication skills
- Curiosity
- English (Native), Russian (Fluent), French (beginner)