

# Madina TUSSUPOVA

## Data Scientist

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Location: Brussels, Belgium  
Citizenship: Kazakhstan  
LinkedIn  
Github

### EXPERIENCE

#### ENGIE IT, Brussels, Belgium — *Junior Data Scientist*

December 2019 - PRESENT  
Data projects:

- Clustered free-form customer feedback using natural language processing (NLP) techniques in order to quickly understand users' greatest concerns.
- NLP clusterization project to automatically sort purchase orders using k-means algorithm. It allowed to have deeper analysis of anomalies.
- Datawarehouse project to spot, store and clean data within Azure Databricks
- Power BI visualizations and connections with SQL Server, AWS, SAP BP2, SAP B2P

#### ENGIE IT, Brussels, Belgium — *Business Analyst Intern*

April 2019 - October 2019

- Reinforcement learning for solar energy management;
- Optimization of monthly Excel report using Power BI and connecting directly to the source.

### EDUCATION

#### Novosibirsk State University, Novosibirsk, Russia — *M.Sc.*

September 2017 - June 2019

M.Sc in *Applied Mathematics and Computer Science* with Major in Big Data Analysis  
Master thesis: POS prediction for Kazakh and Turkish languages using ML algorithms  
GPA 3.3/4.0

#### Ecole internationale des Sciences du Traitement de l'Information, Cergy, France — *M.Sc.*

September 2018 - November 2019

M.Sc in *Business Analytics: Architecture, Data Exploration and Optimization*  
GPA 3.7/4.0

#### L.N. Gumilyov Eurasian National University, Astana, Kazakhstan — *B.Tech.*

September 2013 - July 2017

B.Tech in *Mathematical and Computer Modeling* with Honors  
GPA 3.82/4.0

### HARD SKILLS

**Programming languages:** Python, Scala  
**ODBC:** SQL, Azure  
**Visualization:** Power BI  
**Libraries:** Keras, Tensorflow, sklearn, Pandas, Numpy

### SOFT SKILLS

Public Speech, Team Spirit

### CERTIFICATES

[Introduction to deep learning with Keras](#)  
[Google Cloud Platform Big Data and Machine Learning Fundamentals](#)  
[Applied Text Mining in Python](#)  
[Applied Plotting, Charting & Data Representation in Python.](#)

### LANGUAGES

English – Fluent  
Russian – Native  
Kazakh – Mother tongue