# Mariia Zhokhova

# Data Scientist and Data Analyst

| WORK EXPERIENCE | CONTACT INFO |
|---|---|

### Data Analyst and Data Scientist
*Self-employed, 2020 – Present,*
*Online*

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11160
Beograd, Serbia

mariazhokhova.com

https://www.linkedin.com/in/m-zhokhova/

- Data gathering, cleaning, processing, visualisation and reporting for small businesses and sartups
- Application of machine learning techniques for prediction of various features
- Creation, improvement and maintenance of processes and algorithms for machine learning applications
- Data analysis/data mining collaborating for  commercial departments within the companies

### Data Analyst
*Pharmline LLC, 2019 – 2020*
*Moscow*

- Successful implementation medical devices and pharmaceutical market data analysis for further marketing strategy
- Investigating and conducting studies on the demand and forecast of sales with implementation of mathematical modeling
- Data analysis and reporting on demand for clients and team
- Conducting training sessions and webinars on the company products for clients

### Private Tutor of Maths & Physics
*Self-Employed, 2012 – Present*
*Online*

- Educates schoolchildren and students entering and studying at the leading universities of Russia and abroad
- Manages up to 15 students per week while simultaneously attending a full-time masters program
- Average grade of students is at the 20th percentile or higher after tutoring

### Science Research Intern in Bioinformatics LaboratoryScience Research Intern in Bioinformatics Laboratory
*Lomonosov Moscow State University (MSU), 2012 - 2016*
*Moscow*

- Development of a new algorithm for analysis and comparison of phylogenetic trees based on nodal distances
- Work with Big Data, gathering information from several data sources
- Successful implementation of an idea using Python, Perl, R
- Development of a brand new algorithm for graphs analysis
- Cluster algorithms implementation
- Participating in conferences

### Hematology Research Center of the Ministry of Health of the Russian Federation
*Science research intern in hematology research laboratory, 2010 – 2012*
*Moscow*

- Managing experiment design regarding the research of blood coagulation processes using confocal and TIRF microscopy techniques
- Providing technical support for laboratory equipment
- Analytical interpretation of obtained results
- Building mathematical models describing the results

# Mariia Zhokhova

## Data Scientist and Data Analyst

## EDUCATION

**Lomonosov Moscow State University, Faculty of Physics, Chair of Biophysics**
*2009 – 2015 (5.5 years)*
*Moscow*

Specialist in Biochemical Physics
Specialization in Physics of Biological Systems

**State University – Higher School of Economics, Chair of Applied Economics**
*2017 – 2019 (2 years)*
*Moscow*

Masters in Economics
Specialization in Applied Methods in Economics
(No Thesis)

## CERTIFICATES
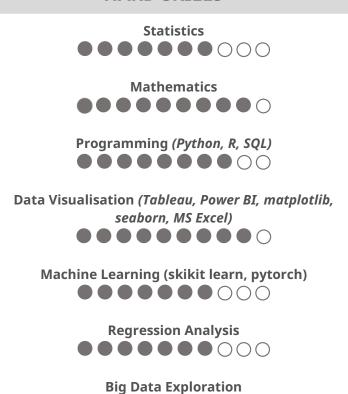


Google Data Analytics Certificate — Certificate of Completion

[Link](Link)

## LANGUAGES

### Russian
*Native*
●●●●●●●●●●

### English
*Fluent (C1-C2)*
●●●●●●●●●○

*EILTS 7.5*
Reading 9
Listenning 7.5
Writing 6
Speaking 7

### French
*Upper-Intermediate (B1-B2)*
●●●●●●○○○○

## HARD SKILLS

**Statistics**
●●●●●●●○○○

**Mathematics**
●●●●●●●●●○

**Programming (Python, R, SQL)**
●●●●●●●●○○

**Data Visualisation (Tableau, Power BI, matplotlib, seaborn, MS Excel)**
●●●●●●●●●○

**Machine Learning (skikit learn, pytorch)**
●●●●●●●○○○

**Regression Analysis**
●●●●●●●○○○

**Big Data Exploration**
●●●●●●●○○○

## SOFT SKILLS

**Critical thinking**

**Curiosity**

**Problem-Solving**

**Story-Telling**

**Collaboration**

**Communication**

**Patience**