

# Sokol Olena

Data Scientist / Statistical Modeler



Lomonosova street 47,526  
Kiev, Ukraine

**E-mail:** sokololena21@ukr.net  
**Website:** <https://www.linkedin.com/in/olena-sokol-000765176/>,  
<https://github.com/Sokolheavy>  
**Phone:** +380985268727

## WORK EXPERIENCE

### Analyst, Department of modeling and portfolio analysis

Mar 2018 - Present

'Alfa-Bank Ukraine'

- Develop **credit scoring** using machine learning techniques in R
- Selecting features, building and optimizing classifiers
- Design, code and implement quantitative models using statistics and machine learning
- Build tools and reports that monitor model performance and accuracy
- **Write and troubleshoot SQL Code** and design (stored procs, functions, tables, views, indexes)
- Doing ad-hoc analysis and presenting results in a clear manner

### Junior Data Analyst

Jul 2017 — Oct 2017

'AVON Cosmetics Ukraine' SE

- Work with **Oracle Database (PL/SQL)**, Access, Excel
- Analyze company`s business using statistical techniques

### Taras Shevchenko National University of Kyiv

Mar 2014 — May 2017

- Math tutor

## EDUCATION

### Taras Shevchenko National University of Kyiv

Sep 2017 — Present

- Faculty of Information Technology
- **Information analytics and impacts** specialty
- Group leader

### Taras Shevchenko National University of Kyiv

Sep 2013 — Jul 2017

- Faculty of Mechanics and Mathematics
- **Mathematic** specialty
- Group leader

## TECHNICAL SKILLS

### Tools & Technologies:

- Good scripting and programming skills especially in **R**
- Visualize data with **ggplot**, **Shiny**
- Python(Basic)
- **T-SQL, MSSQL**; PL-SQL, Oracle
- Fluency with Excel, Access, PowerPoint and Word
- Fluency in version control software (i.e. Git, **GitHub**)
- HTML/PHP/CSS (Basic)

### Additional Knowledge:

- Good understanding of traditional **statistical modeling and Machine Learning techniques and algorithms**: regression, clustering, ensembling (logarithmic regression, Random Forest, Gradient Boosting, k-means clustering, binning, etc)
- Knowledge of advanced **mathematics and statistics** (i.e. calculus, probability, optimization)
- Understand **credit strategies**, processes, and procedures. Knowledge of implementing comprehensive tests and evaluates financial impact to drive continuous improvement.

## SOFT SKILLS

### Languages:

- **English – b1/b2**
- Ukrainian - native speaker

### Interpersonal Skills:

- **Curiosity to master new technologies and tools**
- **Critical Thinking**
- **Teamworking**
- Public Speaking
- Responsibility
- Passionate Learner

