**Sokol Olena**

** Data Scientist**

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# Analyst, Department of modeling Mar 2018 - Present

**WORK EXPERIENCE**

# and portfolio analysis

# 'Alfa-Bank Ukraine'

# Development, validation and support of application, behavioral,

# transaction scorecards models using ML techniques

# Perform on-going model monitoring and update the

# developed model (scorecard recalibration)

# Coding with R language (selecting and optimizing classifiers, model

# building and implementation, create tools to monitor model accuracy)

# Make strategy recommendation to manage the credit risk parameters

# estimation; development of macroeconomic analysis

# Write and troubleshoot SQL Code and design (stored procs, tables, functions, views, indexes, parsing)

# Key achievements:

# 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

# Reporting automation and analysis

**Taras Shevchenko National University of Kyiv**  **Sep 2014 — May 2017**

* Math tutor

**Taras Shevchenko National University of Kyiv**  **Sep 2017 — Jul 2019**

**EDUCATION**

Faculty of Information Technology

**Information analytics and impacts** specialty

# Taras Shevchenko National University of Kyiv Sep 2013 — Jul 2017

* Faculty of Mechanics and Mathematics
* **Mathematic** specialty

**Tools & Technologies**:

**TECHNICAL SKILLS**

* Good scripting and programming skills especially in **R**
* Visualize data with **ggplot, Shiny**
* Python
* **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, Machine**

**Learning techniques and algorithms**: regression, clustering,

Ensembling (logarithmic regression, Random Forest, Gradient

Boosting, k-means clustering, bining, 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.

**Languages:**

**SOFT**

**SKILLS**

## English – b1/b2

* + - * + Ukrainian - native speaker

**Interpersonal Skills:**

* **Curiosity to master new technologies and tools**
* **Critical Thinking**
* **Teamworking**
* Group leader
* Responsibility
* Passionate Learner