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**Sokol Olena**

**Data Scientist**

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# Analyst, Department of modeling Mar 2018 - Present

**WORK EXPERIENCE**

# and portfolio analysis

# 'Alfa-Bank Ukraine'

# Develop credit scoring models using statistics and machine learning

# techniques in R

# Selecting features, building and optimizing classifiers

# Perform on-going model monitoring and model testing and update the

# developed model (scorecard recalibration)

# Prepare tools, reports that monitor model performance and accuracy

# Participate in continuous process improvement initiatives by working

# across technical teams to enhance the systems, processes and

# controls, e.g., methods, standards, capabilities

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

# Prepare datasets for application, behavioral, transaction scorecards

# 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

**Taras Shevchenko National University of Kyiv**  **Sep 2017 — Present**

**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 (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, Machine**

**Lerning 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
* Responsiblity
* Passionate Learner