Sokol Olena
Data Scientist

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WORK EXPERIENCE

Analyst, Department of modeling and portfolio analysis
Mar 2018 - Present

'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

EDUCATION

Taras Shevchenko National University of Kyiv
Sep 2017 — Present

- 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

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, 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.

SOFT SKILLS

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

Interpersonal Skills:
- **Curiosity to master new technologies and tools**
- **Critical Thinking**
- **Teamworking**
- Group leader
- Responsiblity
- Passionate Learner