Evgeni **Chasnovski**

Data scientist, machine learning engineer, R and Python developer

Kharkiv, Ukraine (UTC +2/+3)

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Skills

Data Science

Pre-modeling	Problem statement, research design, data collection process, data preparation
Modeling	Regression, classification, cluster analysis, time series analysis, basic image processing
Post-modeling	Answer business questions, write automated reports, create R shiny prototypes, write targeted R packages

Programming languages and tools

R	Advanced. Specifically: base, OOP, tidyverse, tidymodels, Rcpp, shiny, rmarkdown, testthat, and more
Python	Proficient. Specifically: base, numpy, pandas, scipy, scikit-learn, matplotlib, pytest, and more
SQL	Intermediate
Git, Unix, CI	Proficient
C/C++	Basic

Other

Languages	Russian, Ukrainian (native bilingual), English (proficient), German (basic)

Projects

R

pdqr	Package with extensive functionality for creating, transforming, and summarizing custom random variables.
infer	Tools for tidy statistical inference. Extensively refactored and enhanced code base, which wasn't initially mine.
ruler	Functionality for creating tidy data validation reports.
comperank	Implementation of multiple algorithms for computing ranking and rating based on competition results.

Python

randomvars	Scikit package for applied work with random variables.

Experience

Simcord LLC.   *Kharkiv, Ukraine*

Head of modeling division   *2014-05 - Now*

- Conducting a full research cycle based on the economic and client company data: from formulating a problem and building a sample to writing automated reports, creating software prototypes and solving specific business problems.
- Construction, formalization and software implementation of specialized mathematical models and algorithms to achieve key metrics during problem solving.
- Implementation of research and reports with fully reproducible programming code, mainly R and Python.
- Consultation for miscellaneous questions related to mathematics and data science in general, like applicability of various models and methods, correctness of data collection and research design processes, etc.

Simcord LLC.   *Kharkiv, Ukraine*

Mathematician   *2013-09 - 2014-05*

- Research of applicability of new mathematical methods for predicting specific time series.

Education

V. N. Karazin Kharkiv National University, School of Mathematics and Mechanics

Master's degree in applied mathematics and modeling   *2008-09 - 2013-06*

- Graduated with honors as school's best student.

Hobby

Go (board game), table tennis, open source development.