

KATERINA BOSKO

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🏠 SF Bay Area

📋 U.S. work permit

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PROFILE

I am data-driven professional eager to deliver actionable insights to optimize marketing or product development. I come from academic setting and worked for 4+ years as a Managing Editor of online analytical journal with biweekly deadlines. I also have project-based experience in Machine Learning and Predictive Analytics using Python, SQL, Tableau. Looking to transfer my skills to IT as Data Analyst or Data Scientist.

SKILLS

//TECHNICAL

Languages:

Python SQL

Libraries:

pandas scikit-learn
numpy pytorch
matplotlib seaborn

Tools:

Git Jupyter
Tableau Excel

//SOFT

Analytics
Communication
Management

EDUCATION

//ACADEMIC

PhD in Political Science
U of Bremen (DE) '17

BS in International Information
U of Khmelnytskyi (UA) '07

//ONLINE

Data Science '19
Math for ML '19
Predictive Analytics '18
Excel to MySQL '18
Business Foundations '18

SELECTED PROJECTS

Full portfolio at my blog: www.cross-validated.com

[User Segmentation with Unsupervised Machine Learning \(ML\)](#)

Cleaned data & applied PCA and K-Means clustering using scikit-learn to identify target audience for coupon marketing in Starbucks app

[IPO Bubble: Supervised ML model to predict IPO success](#)

Scraped, cleaned and modeled IPO data (Logistic Regression, Random Forest & Boosted Model) with scikit-learn

[Recommender System for users of IBM Watson Studio platform](#)

Implemented collaborative filtering, content based and rank based recommendations for users of IBM Watson Studio platform

[Flower Image Classifier with Deep Learning in PyTorch](#)

Built a command line application to train an image classifier in PyTorch using transfer learning to predict the flower type

[Increasing Profits for Watershed Properties](#)

Extracted relevant data with the advanced MySQL queries and created interactive Tableau dashboard based on data analysis

PROFESSIONAL EXPERIENCE

University of Bremen, Germany

Researcher, Managing Editor of "Ukraine-Analysen" 2013-2018
(3500+ subscribers, biweekly)

- Developed high impact research and content of 60+ issues
- Created 400+ data visualizations that accompanied the issues
- Collaborated with 100+ academics worldwide
- Wrote 30+ analytical articles
- Presented at 25+ public events

Research Assistant/ PhD Candidate 2009-2013

Worked on a PhD thesis, tutored "Intro to Comparative Politics", supervised a B.A. thesis, mentored interns