Yonatan Rabinovich
Data Scientist

portfolio:
https://rabi320.github.io/Yonatan-Rabiovich-Portfolio/
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Summary

Junior Data Scientist specializing in Machine Learning. Well-versed in numerous programming languages including Python, R and MySQL. Strong academic background in project management, Finance, Math, Statistics And Machine Learning.

Education

Bar Ilan University | 2013 - 2015
BA - Logistics and Economics

Bar Ilan University | 2018 - 2020
MSc – Financial mathematics
Relevant course work – Mathematical Finance, Statistics for Data Analysis, Numeric Analysis For Scientific Computing.

Technion |2020 - 2021
Certified Data Science with a specialization in Deep learning and Machine learning program.
Relevant course work R For DataScience, Machine Learning, Deep Learning.

Skills

- 1.5 years of experience building and optimizing data science projects.
- SQL.
- R.
- Git
- Machine Learning – Numpy, Pandas & Scikit – learn.
- Deep Learning – Pytorch.
- Working with complex datasets.

Experience

IDF Officer, Public transportation integrator - 2018 to 2021
Atal, Transportation Center
- Developed a system that simplified the data analysis, and data correction in the IDF transportation data cloud for monthly payments resulting in **250,000** NIS savings annually.
- Managed Access rights and security policies on the IDF transportation system software and enabled digitization of user's access rights for thousands of users.

Languages

- Hebrew - native language.
- English – fluent

Certifications

- **Kaggle Notebook Master**
- **DataScience365 online program**

Self Made Projects

NDX Prediction Using World News

- NDX stocks trends with Reddit's r/WorldNews top posts using NLP methods including spacy, topic modeling and ML pipelines.

Home Equity Loan Default Prediction

- This project predicted default of home equity loan clients using classifiction with ML and DL model.
- model has reached 92.6% accuracy on test set and 0.82 f1 score with TabNet Classifier.
- This model is deployed to a web app.

Diamond Prices Regression

- This project predicted The prices of Diamonds using regression with Machine Learning models and ensembles.
- This model has reached 0.986 adjusted R^2 on test set.
- This model is deployed to a web app.