

# Yonatan Rabinovich

## Data Scientist

**portfolio:**  
<https://rabi320.github.io/Yonatan-Rabiovich-Portfolio/>  
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### Summary

Junior Data Scientist specializing in Machine Learning, thrilled to look for a new challenge. Well-versed and highly proficient in numerous programming languages including Python, R and SQL. Strong academic background in 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, Time Series.

**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

- 2 years of experience building and optimizing self-made data science projects (e.g., NLP, image classification, default prediction).
- Model deployment & production.
- SQL.
- Git & GitHub.
- Python Machine Learning – NumPy, Pandas, Scikit – learn.
- Python Deep Learning – Pytorch.
- Self-learner in the fields of ML and AI.

### Experience

- IDF Officer**, Transportation Data Analyst- 2018 to 2021  
**Atal, Transportation Center**
- As of 2021, part of the analyst team for the IDF Atal Division General for data analysis of transportation data using python (pandas) and MS Excel.
  - Developed a system that simplified the data analysis, and data correction in the IDF public transportation data cloud for monthly payments.
  - Querying Data Reports of the Idf transportation system Using SQL.
  - Participation in the new ZUZU app implementation for public transportation usage for soldiers.

### Self Made Projects

- Home Equity Loan Default Prediction**
- This project predicted default of home equity loan clients using classification with ML and DL models.
  - model has reached 92.6% accuracy on test set and 0.82 f1 score with Tab Net Classifier.
  - This model is deployed to a web [app](#).

#### Dog Breed Classification

- This Project trained a transfer learning resnet 18 model for identifying 70 different classes of dog races.
- This model has reached 95.43% overall accuracy in the dog breed prediction.
- This model is deployed to a web [app](#).

### Languages

- Hebrew - native language.
- English – fluent

### Certifications

- Kaggle Notebook Master
- DataScience365 online program