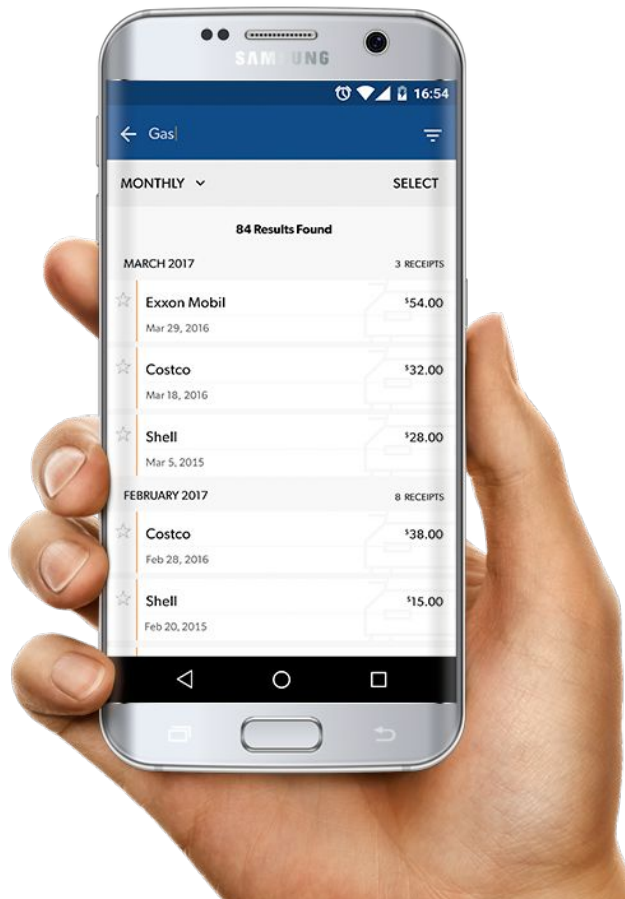


Fin-Tech Company

Background - Client is a Toronto based fintech firm for processing receipts. Client needed to develop technology which could take an image of a receipt, and automatically extract all of the data

Client had no prior experience with AI technology



Fin-Tech Company

Project Plan:

- Build an Annotator, a special piece of software to annotate the receipts with how to extract their data
- Use the annotator to build up a dataset of about 3,000 receipts
- Research a deep-learning algorithm which can be applied to the problem
- Integrate the algorithm into clients technology

Fin-Tech Company

Results:

- Able to get a perfect data extraction approximately 55% of the time
- Receipts with errors usually had poor image quality, such as wrinkled receipts or where thumb was blocking part of the receipt in the photo
- Resulting receipt-extraction solution used by 6% of the customers of Scotiabank (the clients first customer), with tens of thousands of receipts processed daily
- Data has been used for wide variety of purposes, from customer segmentation through to loyalty and rewards