DataSci Lab Notes

Products to become familiar with:

* Cloud Function
* Lambda
* Node
* API Gateway
* GCP
* Amplify
* Coud Run
* Cloudflare
* Chalice
* Docker

Project Ideas

1. Life insurance policy cost calculator
   1. Answer some questions, and model predicts how much that policy should cost
2. Car insurance policy cost calculator
   1. Answer some questions, and model predicts how much that policy should cost
3. Home insurance policy cost calculator
   1. Answer some questions, and model predicts how much that policy should cost

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Mortality/life insurance predictor

-Take in a bunch of attributes and predict likelihood of surving to a ceratin age, then calculate cost for life insurance policy

-Car accident insurance predictor

-Take in a bunch of attributes and predict likelihood of car crash within a certain period, the calculate cost for car insurance

-bankruptcy predictor

-Predict likelihood company will go bankrupt before bond expires and adjust bond priciing accordingly

Streamlet – Easy web/app

Amplify – more complicated

Node – good medium option, what we should aim for