ZeroResearchTravel

Team 229

Problem identified

People like travelling, but they're often too busy to make schedules or comb through trip guides

Therefore, places they visit are very few, and more in line with what people conventionally visit, as opposed to what people *like them* should visit

Calendar querying

Country prediction
(based on time, gender, age, duration of visits, budget)

Our ML model

Ensemble of 3 feed forward neural net models, each compiled with different architectures, with hyperparameters tuned to their individual needs

- 5 layer NN trained with Adam optimizer

- 6 layer NN trained with SGD

- 5 layer NN trained with Adagrad

Data source:

https://www.ons.gov.uk/peoplepopulationandcommunity/leisureandtourism/datasets/travel

Contains all information regarding travel habits of UK citizens to other countries in 2016

Problems faced during dev

Calendar API

App engine did not offer support for ML model

ML model overfit on the training data