**Capstone project ideas**

**Project #1**

**Name:** Distracted Driver Detection

**kaggle link:** https://www.kaggle.com/c/state-farm-distracted-driver-detection/overview

**Brief description:**

Analyze 2D car dashboard images to identify the distracted behavior of the driver.

Data set is provided by State Farm.

**Data Volume** ~ 4 GB (> 100K images)

**Project#2**

**Name:** Predict a purchased insurance policy

**Kaggle link:** https://www.kaggle.com/c/allstate-purchase-prediction-challenge/data

**Brief description:**

Based on the customer information, we need to predict the coverage policy selected by the customer.

Data set is provided by Allstate insurance, contains transaction history for customers that ended up purchasing a policy. This Prediction will help the company to retain the customer by predicting the purchase sooner.

**Data volume** - 9 MB

**Project#3**

**Name:** Predict House Prices

**Kaggle link:** https://www.kaggle.com/c/house-prices-advanced-regression-techniques/discussion

**Brief description:**

Predict the final housing price of each home based on the different variables of the property.

**Data volume** - 191 KB (79 attributes)

**Project#4**

**Name:** 3D object detection for autonomous vehicle

**Kaggle link:** https://www.kaggle.com/c/3d-object-detection-for-autonomous-vehicles/data

**Brief description:**

Predicting the bounding volumes and classes of all of the objects in a given scene, this will help the functioning of the autonomous vehicle.

**Data Volume** - 85 GB