Data mining with Azure ML - Group projects

You are an executive at a Melbourne real estate Ltd. Your boss is trying to be ahead of competition, thus he wants to create a model for real estate price prediction. Your proposal of using data mining is accepted, so you’ve decided to use Azure Machine Learning.

👍 Group project

Separate data to 2 files:

* Data with property price (it will be used to train and test model)
* Data with empty price

You will mainly use data with property price (except when applying model).

Analyze the available data to gain insights into the following areas:

* To gain some basic insights we would like to provide some basic stats regarding your current data. Create a few pivot table reports.

After initial exploring data, your team has to continue analysis with Azure Machine Learning:

* Perform additional visual data exploration with Jupyter Notebook;
* Show properties on a Melbourne map (ggplot2+ggmap);
* Prepare data (cleaning, feature selection, …);
* Use at least 3 different algorithms to train your model;
* Score and evaluate model and choose the best model;
* Create webservice;
* Use your model on “empty price” data;
* Report findings;