Linear Regression with Normal Equations

1. Load the dataset and divide it into features (i.e., inputs) and actual result (i.e., output). Store features and actual outputs in two separate variables.
2. Pass the features and actual results into Normal equations to obtain optimized value of θ parameters. This is done as following:
   $\theta = (X^T \times X)^{-1} \times X^T \times y$
3. This θ is the optimized parameter vector which can be used in order to predict the result for any new example case.