

FELLOWSHIP PROGRAM IN AI/ML

LINEAR REGRESSION

Day 3: 09.08.2018

Usecase: Predict the crime rate from demographic data given by building the model using Linear Regression through the library sklearn

Description of the data:

X1 = total overall reported crime rate per 1 million residents

X2 = reported violent crime rate per 100,000 residents

X3 = annual police funding in \$/resident/

X4 = % of people 25 years+ with 4 yrs. of high school

X5 = % of 16 to 19 year-olds not in highschool and not highschool graduates.

X6 = % of 18 to 24 year-olds in college

X7 = % of people 25 years+ with at least 4 years of college