

Height Prediction using
DECISION TREE

1 Problem Predicting Height

2 Dataset X-Age| Y-Height
Predicting Height based on Age

3 Summarize Dataset (71, 2)
dataset.shape
dataset.head(5)

4 Segregate Dataset into X & Y
Input
X = dataset.iloc[:, :-1].values
Output
Y = dataset.iloc[:, -1].values

5 Splitting dataset to train & test for Validation
train_test_split

6 Algorithm Decision Tree

7 Train using Decision Tree

8 Visualizing Graph
Observe how the line fits for our data points

9 Prediction & Validation
r2_score
mean_squared_error