USED CAR PRICE ANALYSIS USING MACHINE LEARNING

Deviation Trend of Test vs Predicted

● Average of Predicted Price ● Average of Test Price

Car Models

All ▼

ML Methods

All ▼

Test vs Train Error

● Test Error ● Train Error

Fiesta

	ANN	Bagging	Decision Tree	Random Forest
Test Error	1222.4	999.6	997.0	919.6
Train Error		392.1	919.3	792.4

Focus

	ANN	Bagging	Decision Tree	Random Forest
Test Error	1579.7	1619.2	1627.7	1551.2
Train Error		492.1	961.2	919.9

Scatter Plot

Impact of Features on Price

Features ● Engine Size ● Mileage ● MPG ● Tax ● Year

Focus
- Engine Size: 0.203
- Mileage: 0.108
- MPG: 0.089
- Tax: 0.004
- Year: 0.596

Fiesta
- Engine Size: 0.069
- Mileage: 0.176
- MPG: 0.115
- Tax: 0.013
- Year: 0.627