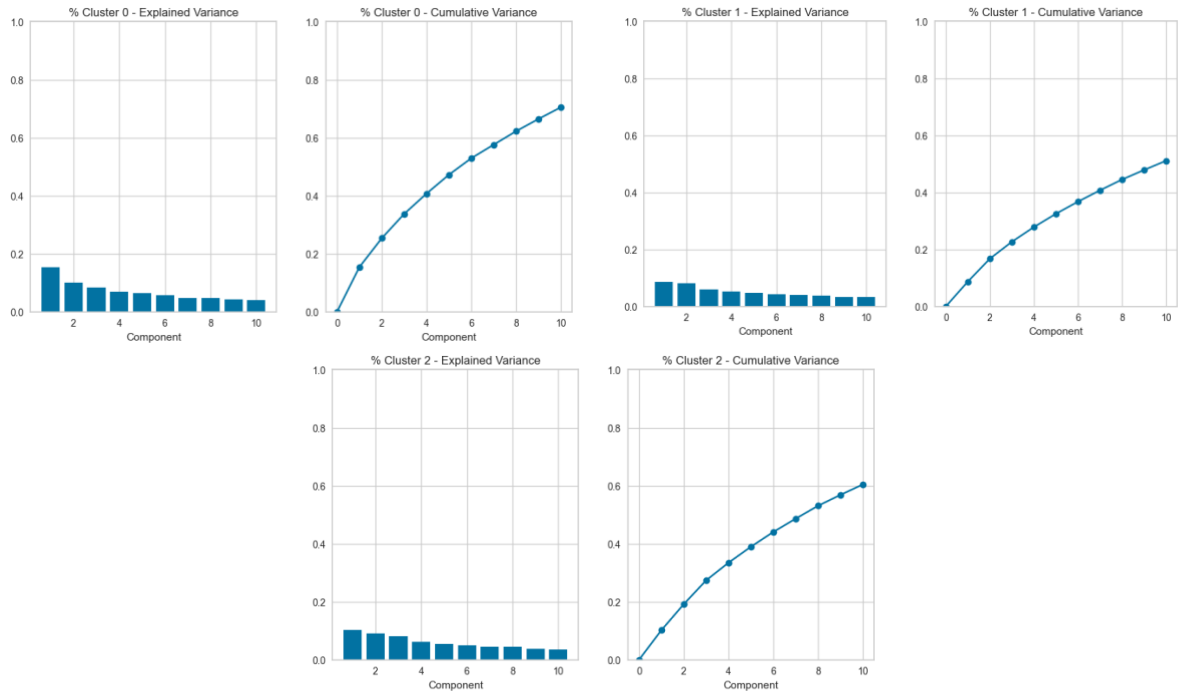
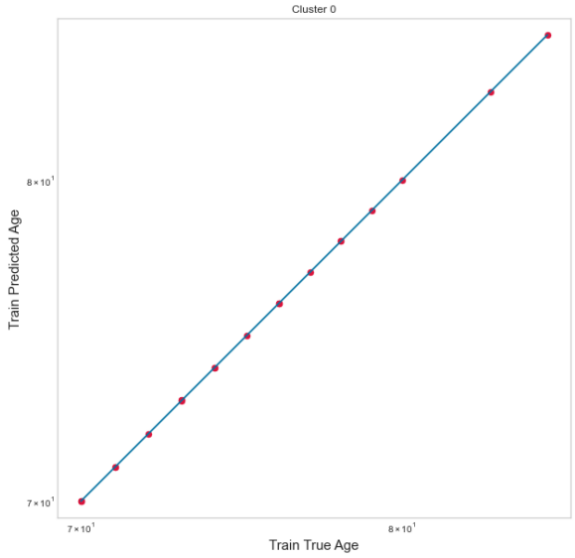
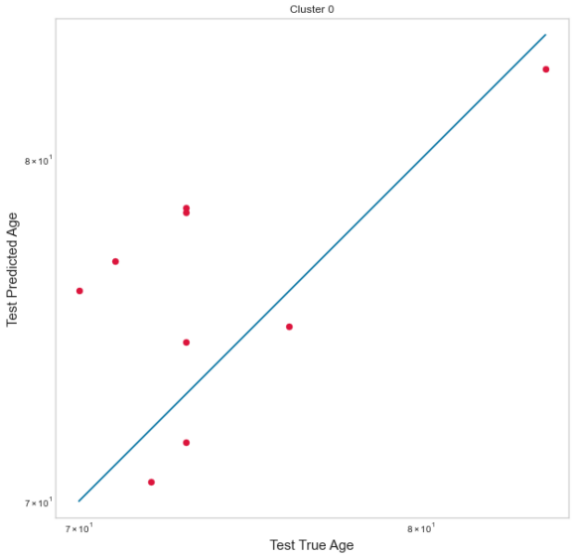
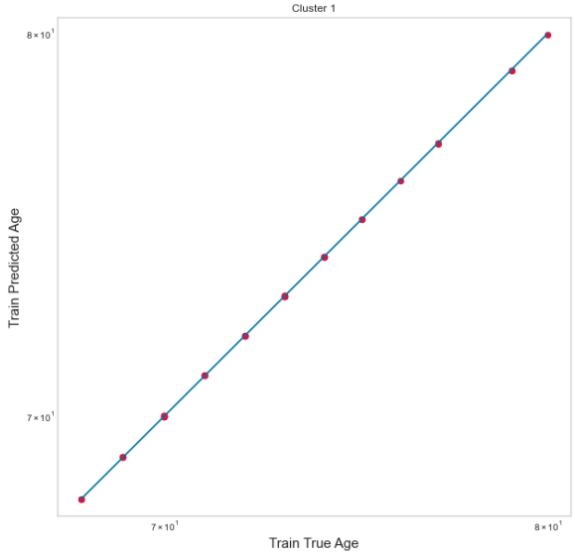
Degree 1 Polynomial Features

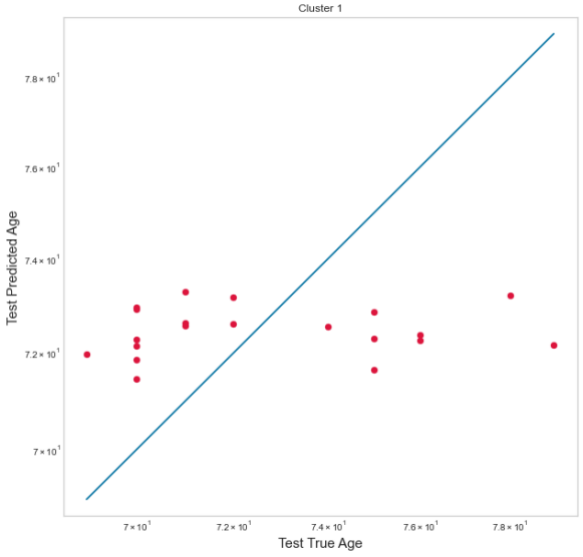
```
-- Cluster 0 --
n_training_samples = 22
n_original_features = 127 | n_PC = 2
n_final_features = 8258
best_score = -2.309055703656815
train_score = 0.000987724694777047
test_score = 3.2501525214365947
ElasticNet(alpha=0.001, l1_ratio=1.0)

-- Cluster 1 –
n_training_samples = 42
n_original_features = 152 | n_PC = 4
n_final_features = 11785
best_score = -2.406447418782956
train_score = 0.00629267340416817
test_score = 2.6245918604656615
ElasticNet(alpha=0.1, l1_ratio=0.003981071705534973)

- Cluster 2 –
n_training_samples = 29
n_original_features = 146 | n_PC = 5
n_final_features = 10883
best_score = -2.422014484168378
train_score = 0.009164348665407829
test_score = 2.7962942441574836
ElasticNet(alpha=0.1, l1_ratio=0.025118864315095822)
```

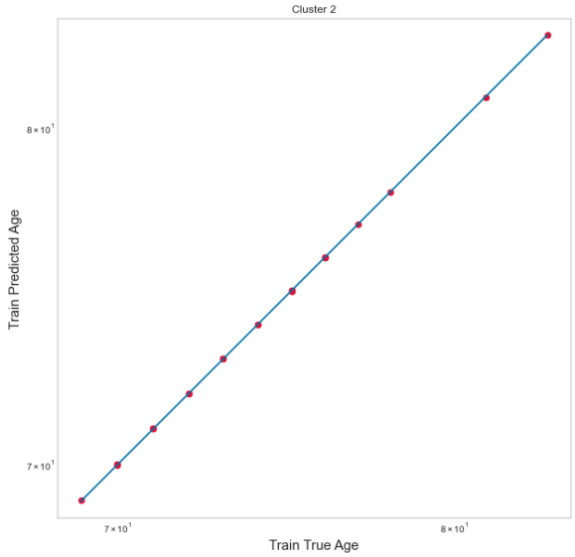


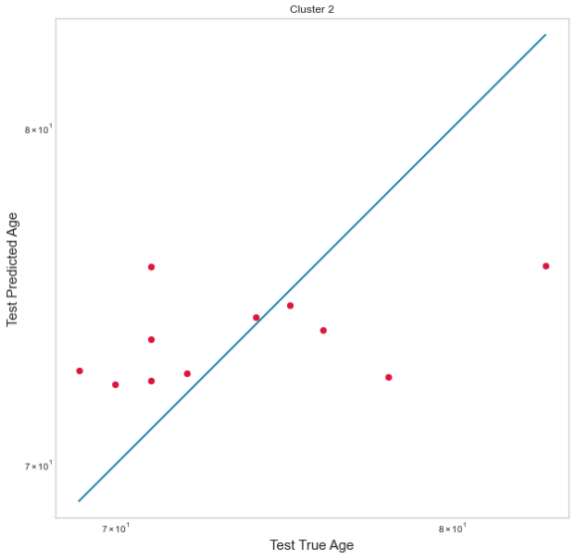

Cluster 0
Train Predicted Age
Train True Age


Cluster 0
Test Predicted Age
Test True Age


Cluster 1
Train Predicted Age
Train True Age


Cluster 1
Test Predicted Age
Test True Age


Cluster 2
Train Predicted Age
Train True Age


Cluster 2
Test Predicted Age
Test True Age

Degree 2 Polynomial Features

```
-- Cluster 0 --
n_training_samples = 22
n_original_features = 127 | n_PC = 2
n_final_features = 8258
best_score = -2.309055703656815
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```
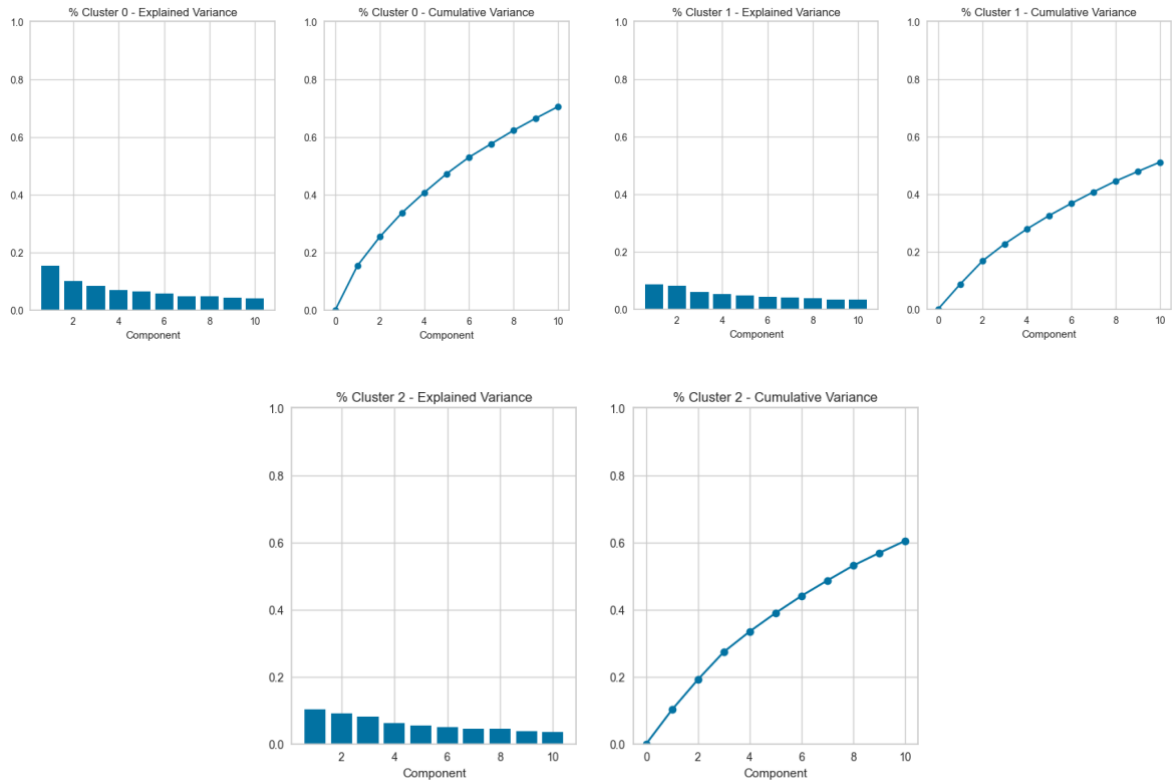
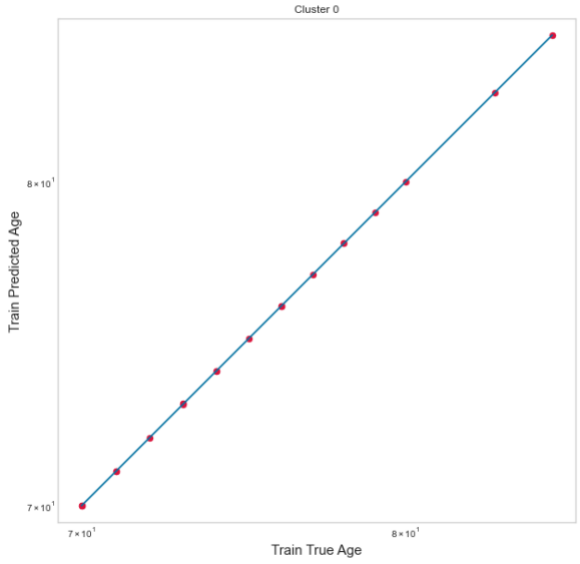
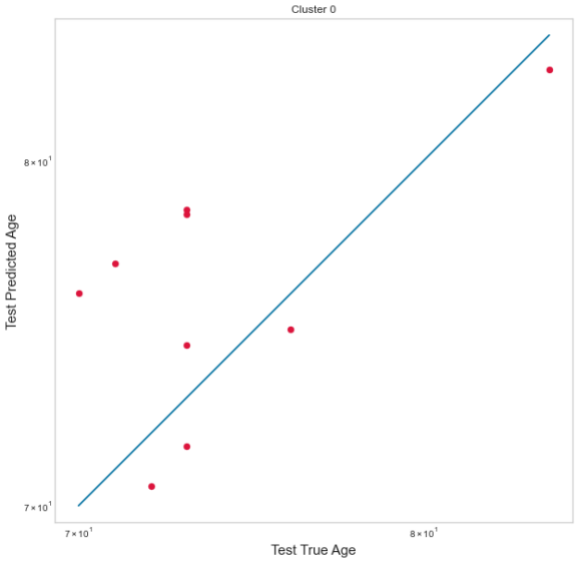
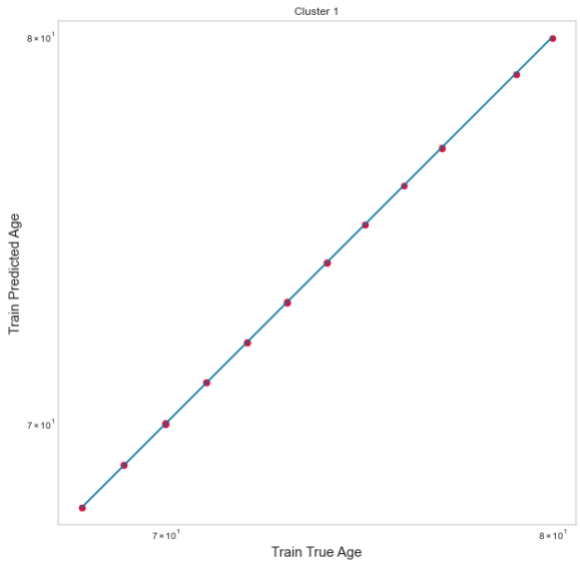
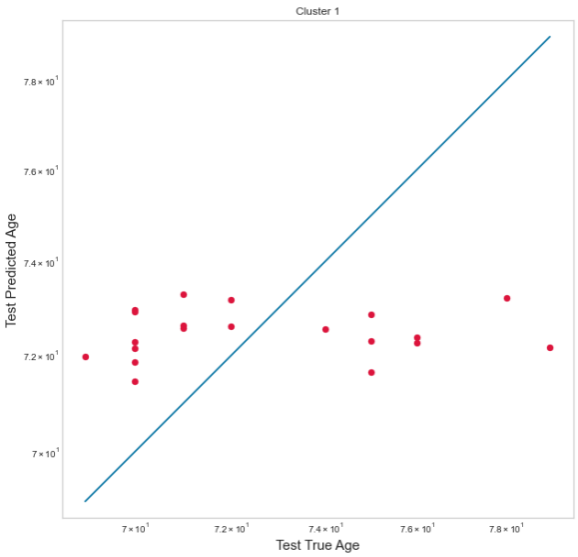
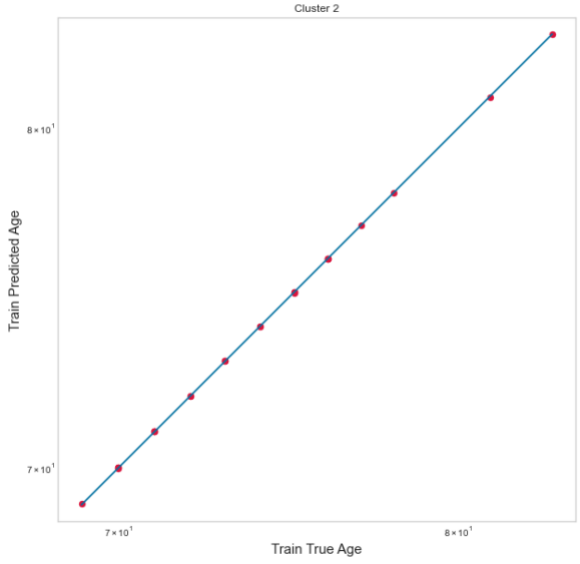



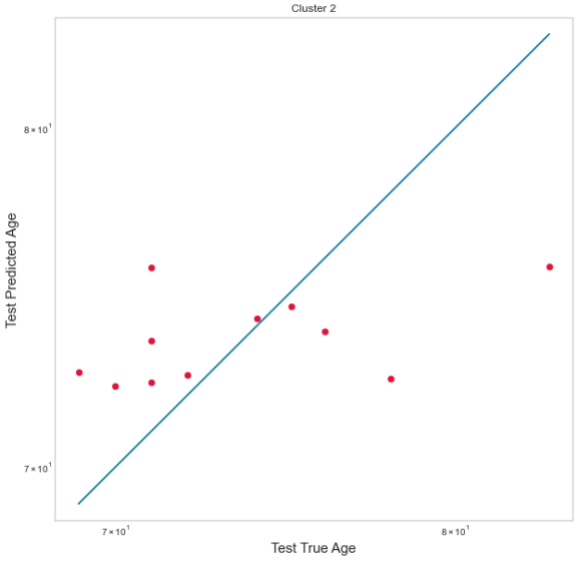

Cluster 0
Train Predicted Age
Train True Age

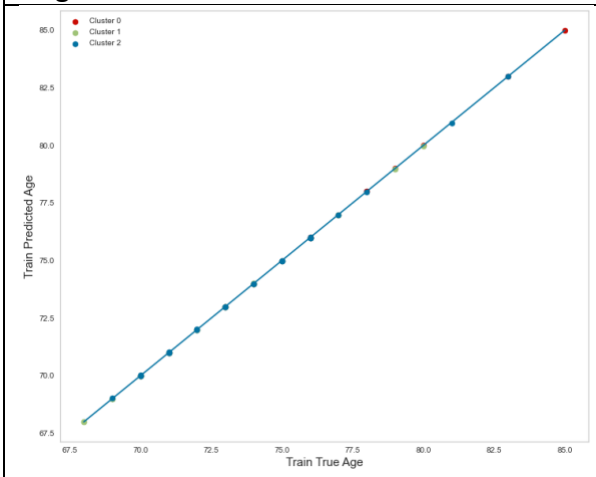
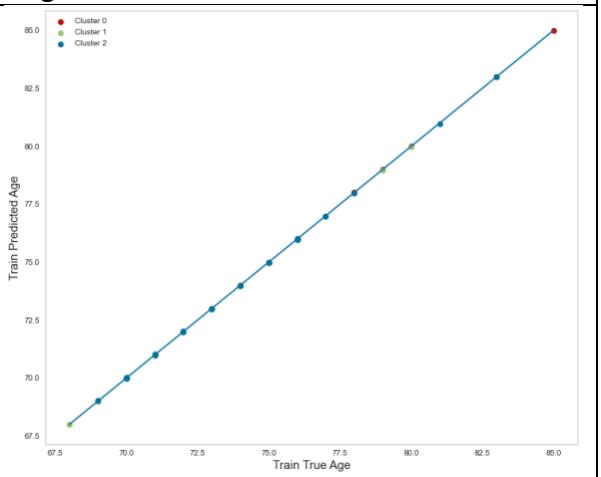
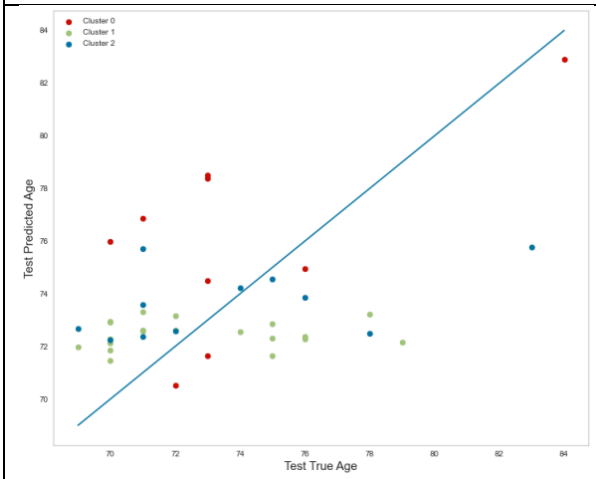
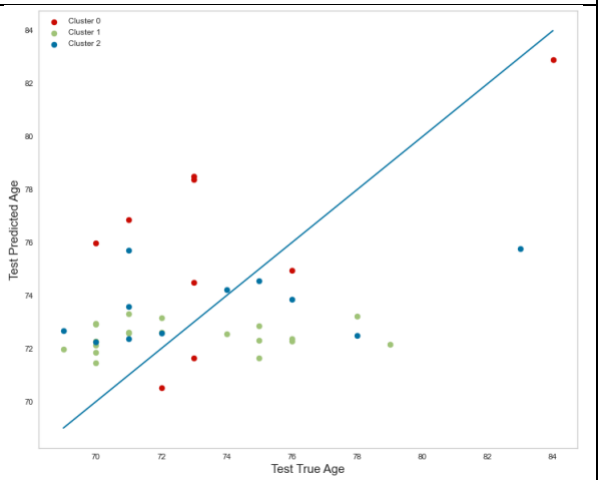

Cluster 0
Test Predicted Age
Test True Age


Cluster 1
Train Predicted Age
Train True Age


Cluster 1
Test Predicted Age
Test True Age


Cluster 2
Train Predicted Age
Train True Age


Cluster 2
Test Predicted Age
Test True Age

Results

Degree 1	Degree 2