Feature Importance Multi-layer Perceptron_feat_importance_target_ΔVC-m.svg

Feature Importance Stochastic Gradient Descent_feat_importance_target_ΔVC-m.svg

Feature Importance Bayesian Ridge_feat_importance_target_ΔVC-m.svg

Feature Importance ARD Regression_feat_importance_target_ΔVC-m.svg

Feature Importance Ridge_feat_importance_target_ΔVC-m.svg

Feature Importance Random Forest_feat_importance_target_ΔVC-m.svg


```
In [ ]: best_models_dictionary
```

```
Out[ ]:  {'Multi-layer Perceptron': MLPRegressor(alpha=1.5037553212997384e-06, batch_size=64,
                      hidden_layer_sizes=(1200, 1200), learning_rate='invscaling'),
          'Stochastic Gradient Descent': SGDRegressor(alpha=4.213321743847289e-05, eta0=0.06670000000000001,
                      learning_rate='adaptive', loss='huber'),
          'Bayesian Ridge': BayesianRidge(alpha_1=0.015556761439304723, lambda_1=5.8570208180566735e-05),
          'ARD Regression': ARDRegression(alpha_1=0.010974987654930568, lambda_1=3.1992671377973847e-06),
          'Ridge': Ridge(alpha=0.0009461848194722001, solver='svd'),
          'Random Forest': RandomForestRegressor(criterion='friedman_mse', max_depth=10,
                      max_features='sqrt', min_samples_leaf=2,
                      min_samples_split=5, n_estimators=200)}
```

In [ ]: