MDM REGRESSION with regularisation WORK FILE

**Process:**

Model selection, through a range of coefficients and regularization parameters, with a printed accuracy and polynomial equation stored in a separate csv file ‘regression\_results.csv’ including r squared and eventually MSE (currently facing accuracy errors due to the lack of normalization and large order polynomials)

This is for a particular ward. All wards can be investigated though.

The regularization type can be switched out, ridge lasso etc.

**Next steps** are to improve accuracy measures, introduce regularization normalize the median values used, find a literature review and develop efficiency in extrapolation for the future of bristol’s house prices.

Implementing exogeneous variables