**DataScienceDataCurationProject: A DSL for Initial and Exploratory Data Analysis for Data Analytics Projects. Sayed Ahmed, and Sepehr Bayat.**

Contents

[Meta Models 1](#_Toc131797193)

[EMF Generator Model 3](#_Toc131797194)

[Model Creation 6](#_Toc131797195)

[Model Creation Using .Editor 8](#_Toc131797196)

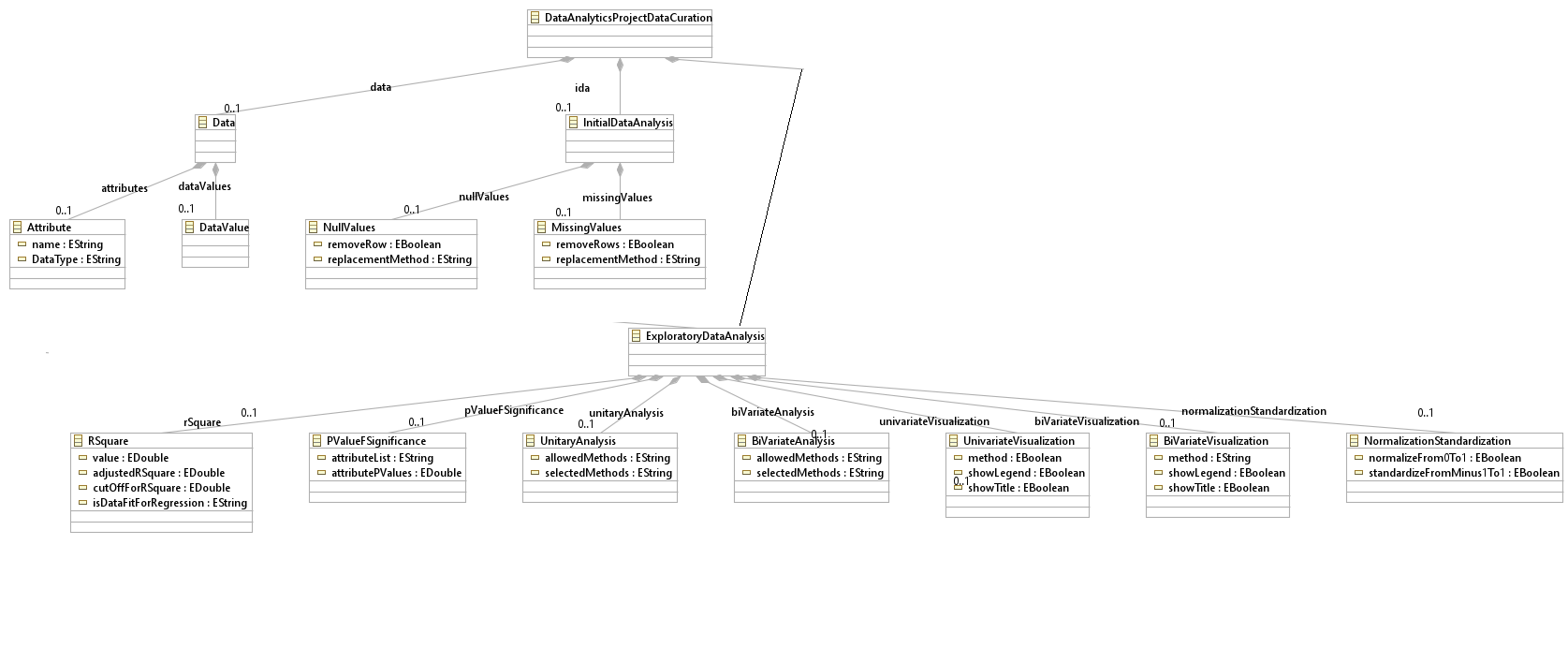
[Using .Editor 12](#_Toc131797197)

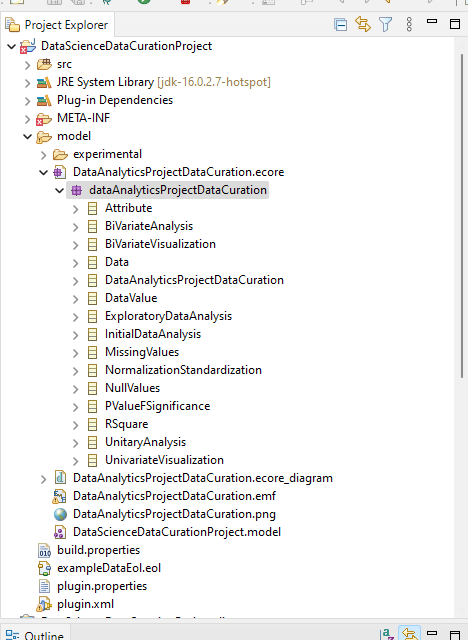
[Trying to use OCL and/or Validation Rules: 13](#_Toc131797198)

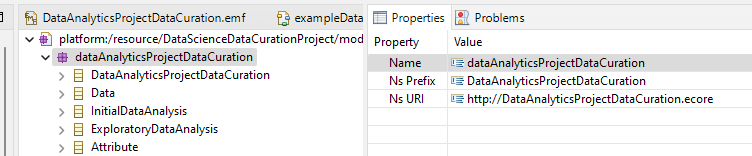
# Meta Models

Note: we will add more attributes and properties to this metamodel. Also, will add state, transition, action/event (ongoing). At this point ref, val, Opposites, cardinalities, and similar are not finalized yet.

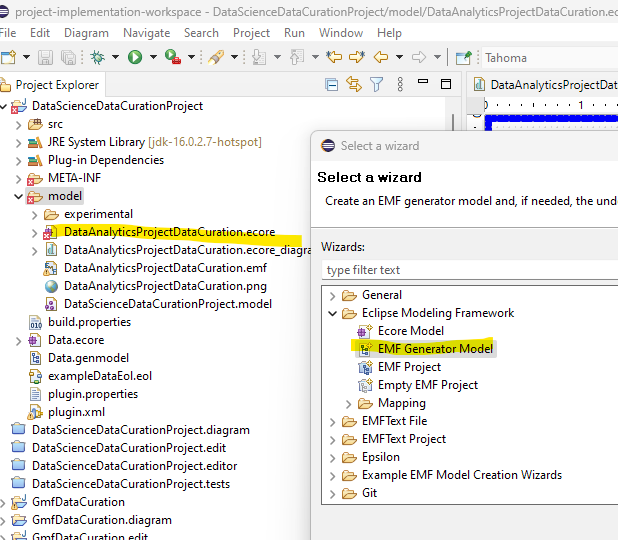
EMF/Ecore Model. Cardinalities as shown are not planned yet.

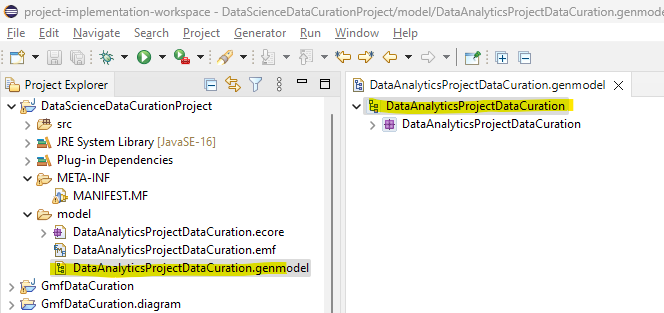


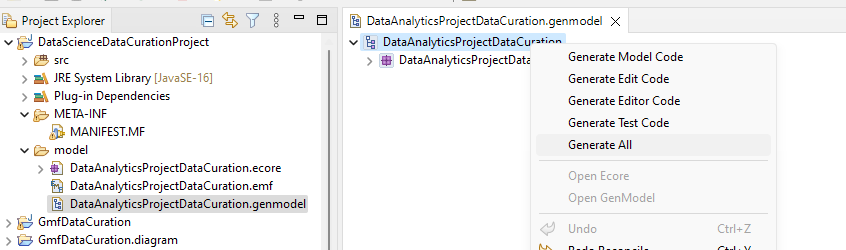


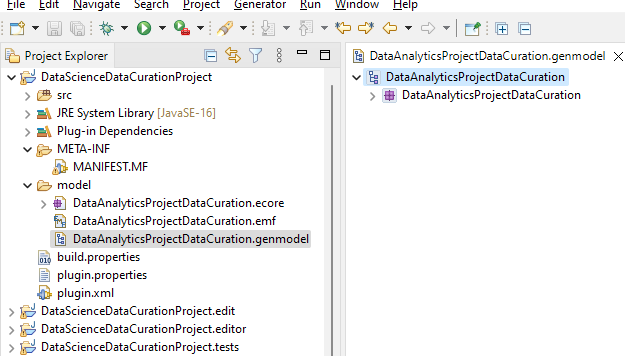


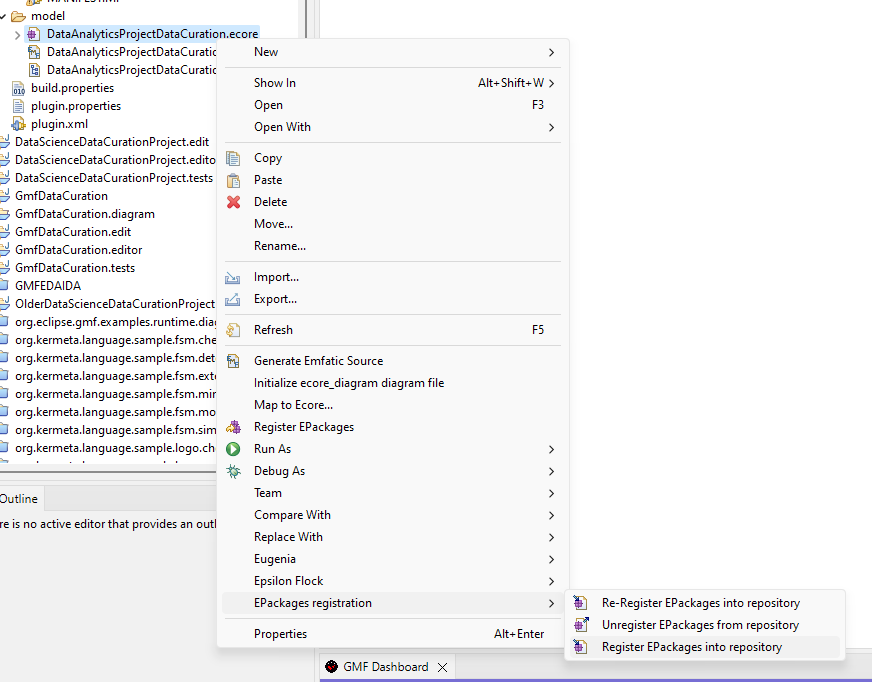
# EMF Generator Model

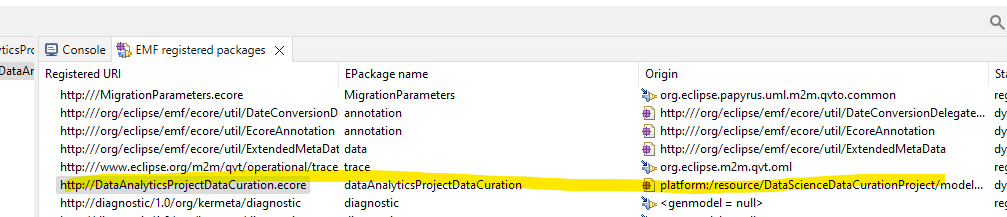
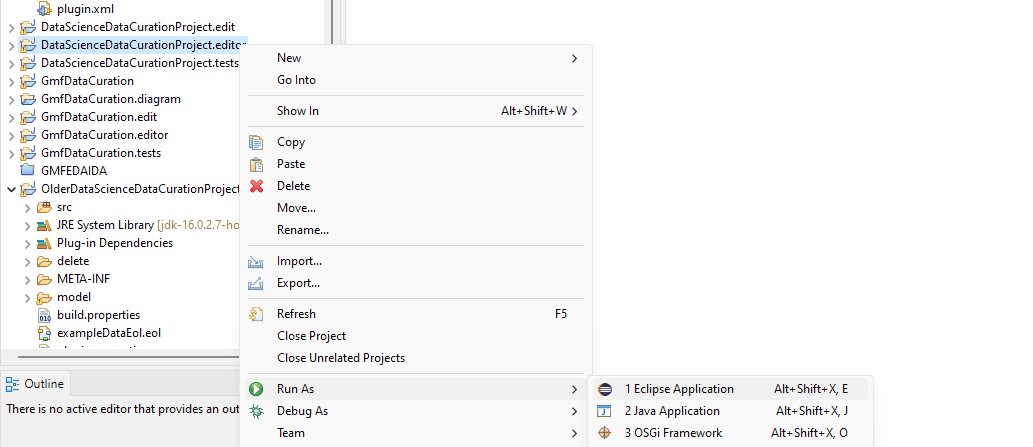




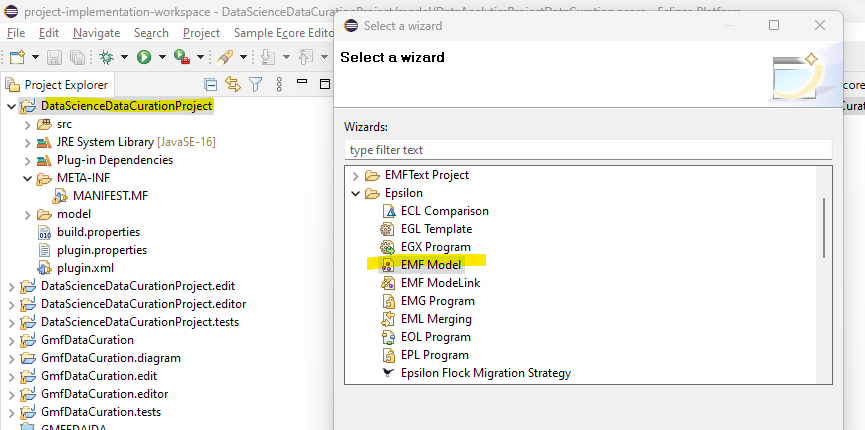


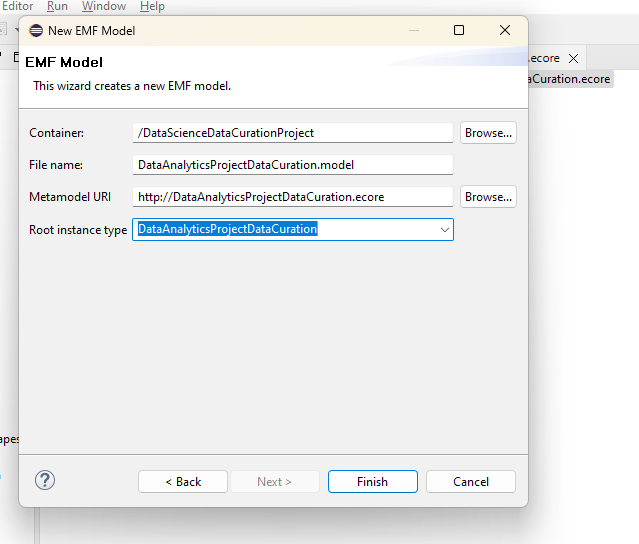


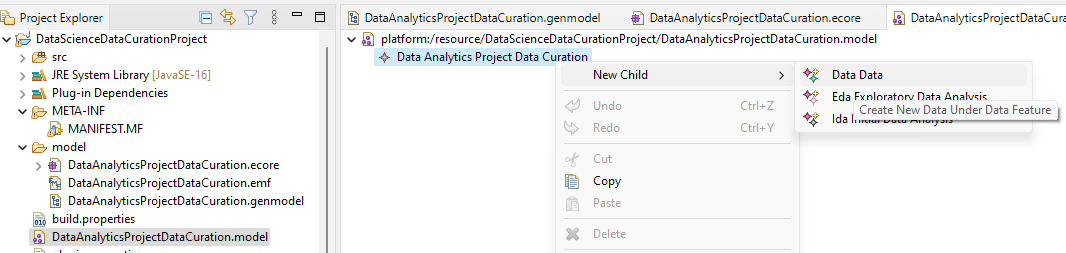


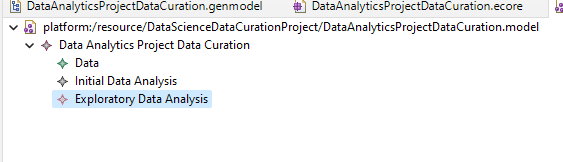


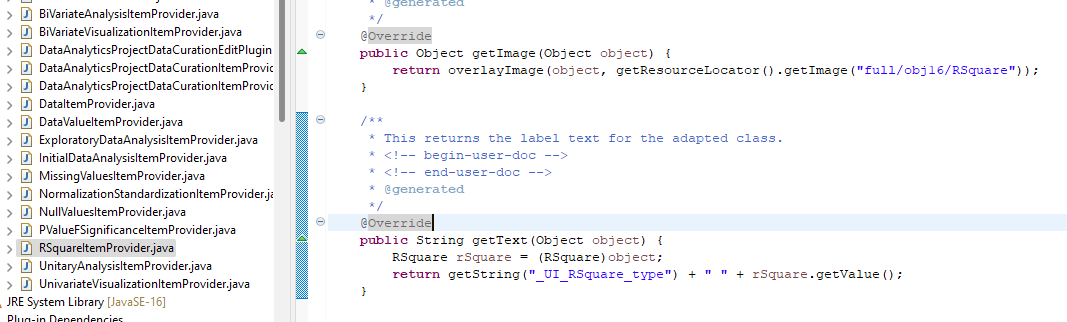
# Model Creation





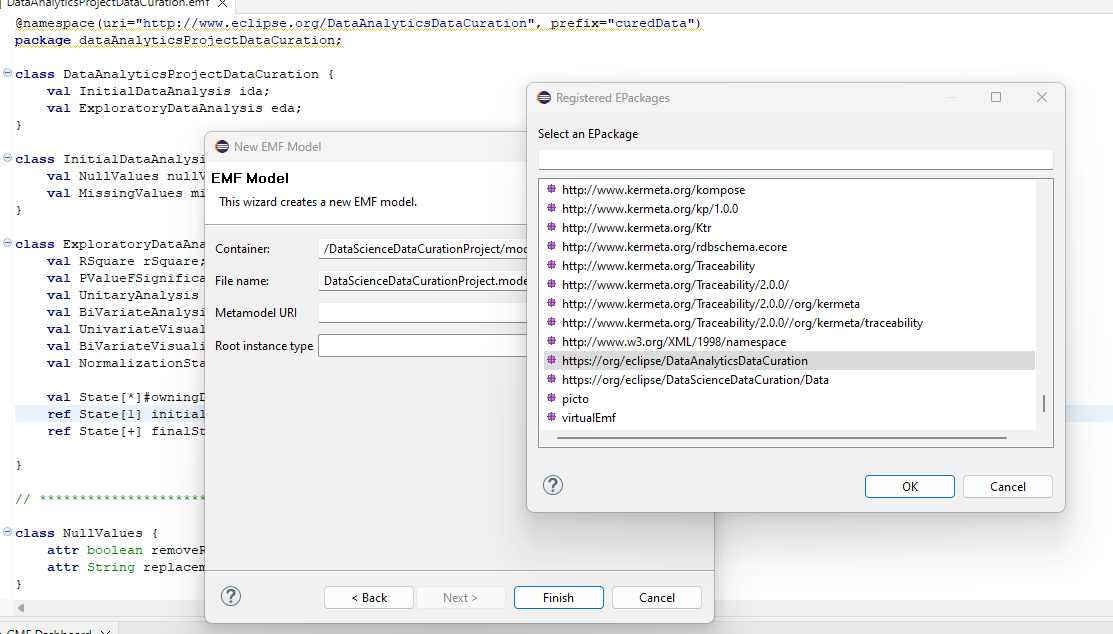


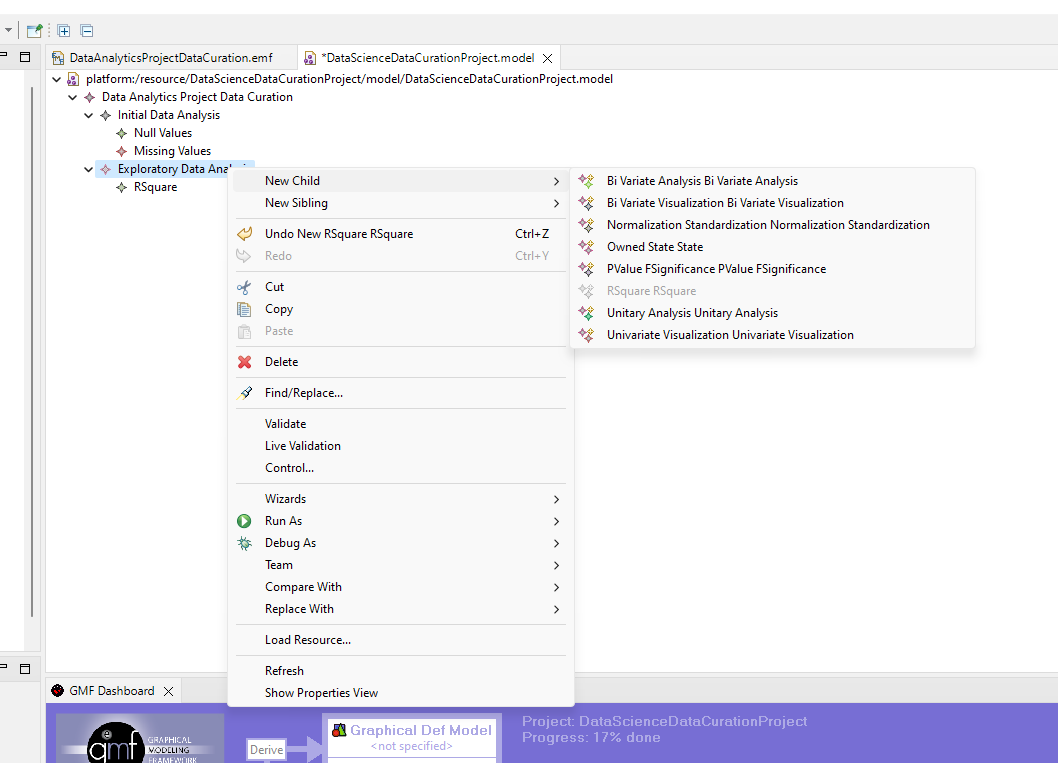


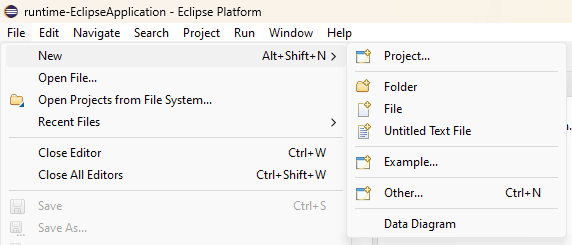


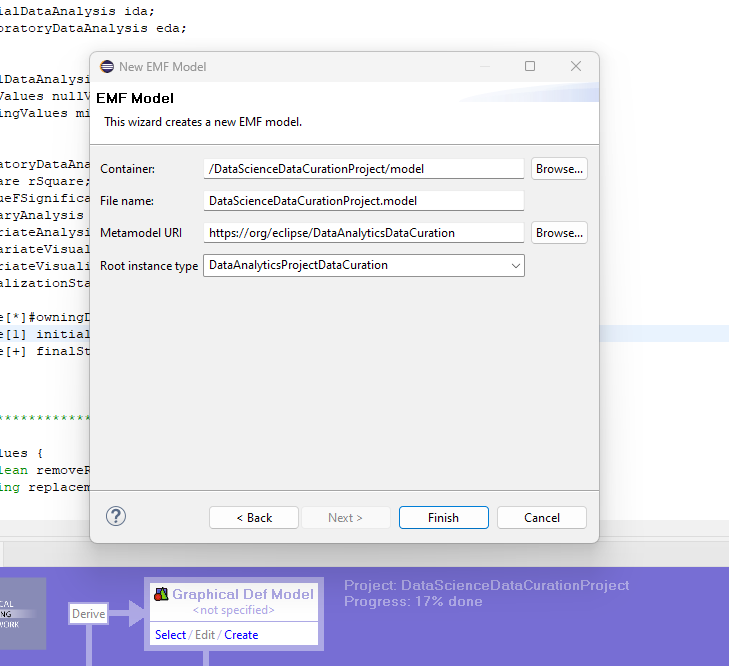
## Model Creation Using .Editor

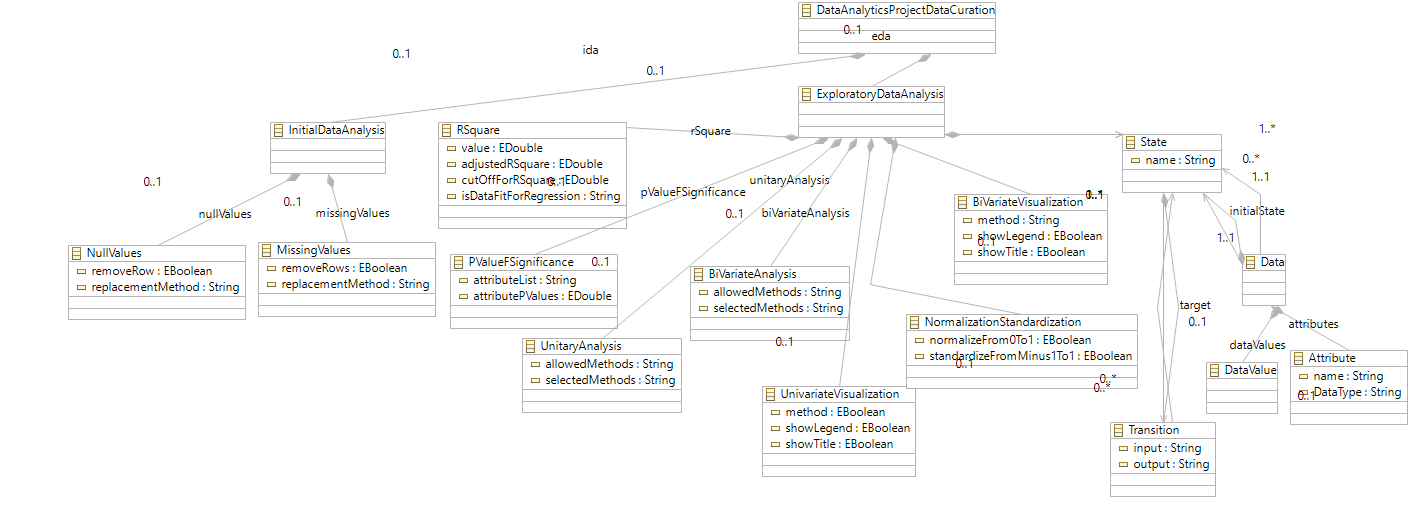
Older version



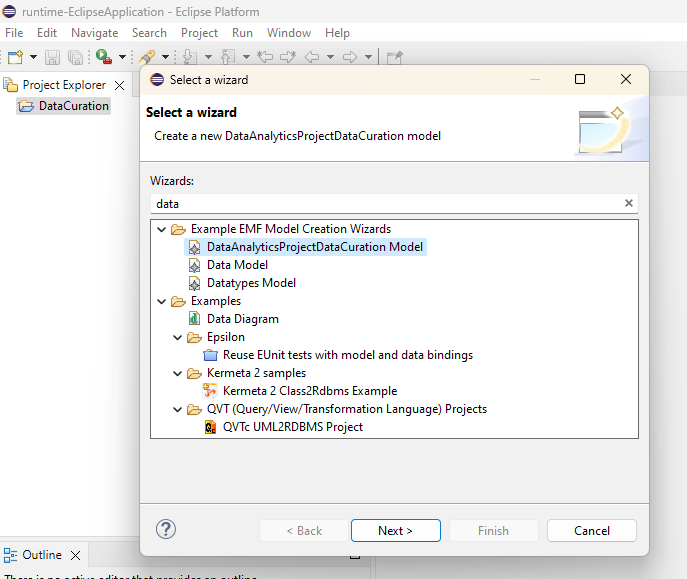


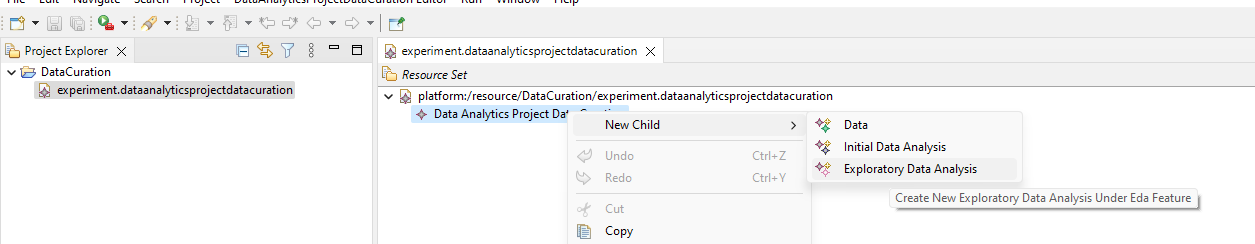






## Using .Editor





# Trying to use OCL and/or Validation Rules:

