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

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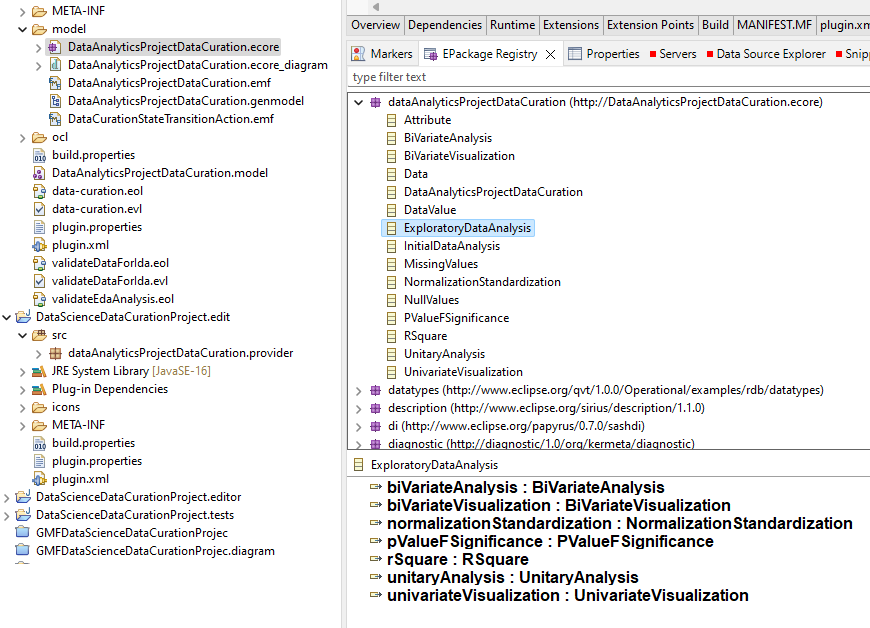
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# Model Creation from Meta Model

**Epackage Registration:**



Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

## Model creation using the Editor

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

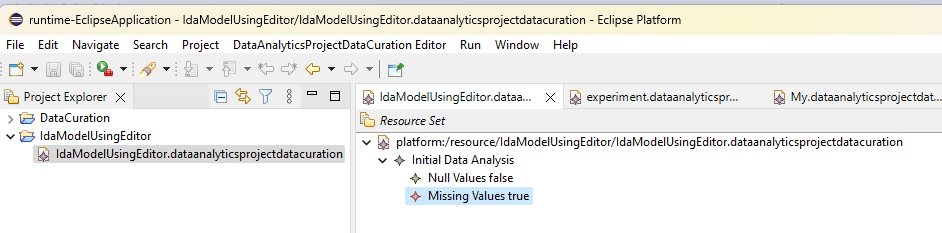
Description automatically generated

Graphical user interface, application, Word

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

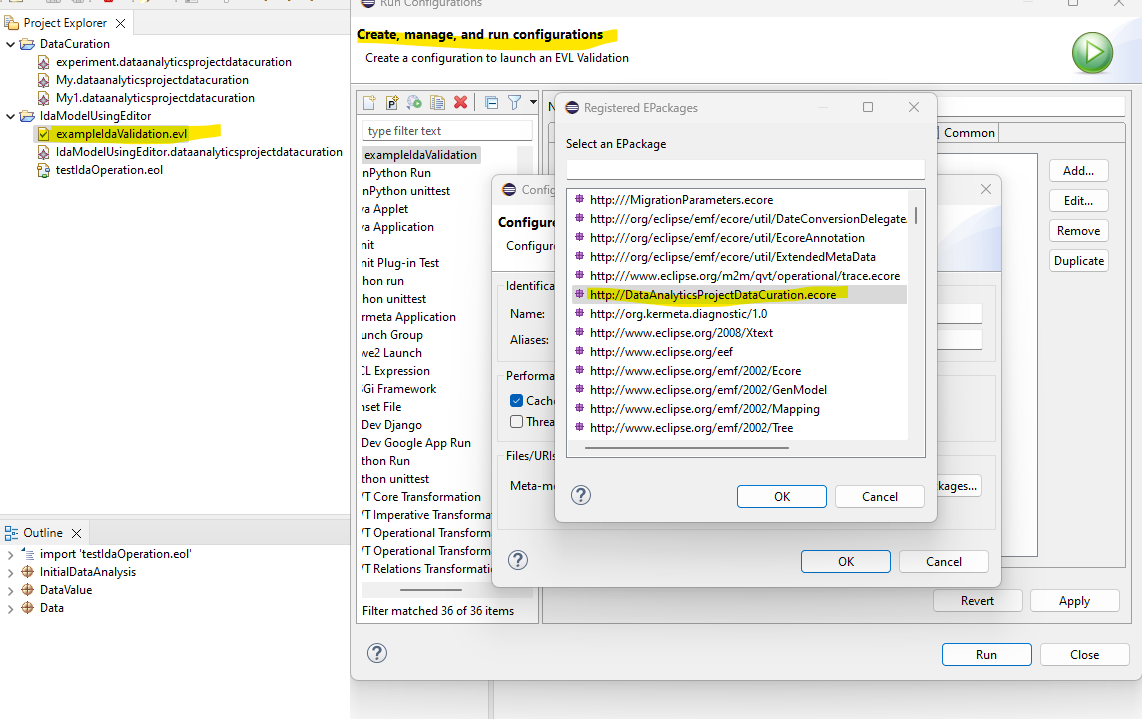


# Example EVL Creation for the Project

**Graphical user interface, text, application

Description automatically generated**

**To execute EVL/EOL giving reference to the corresponding Model**

****

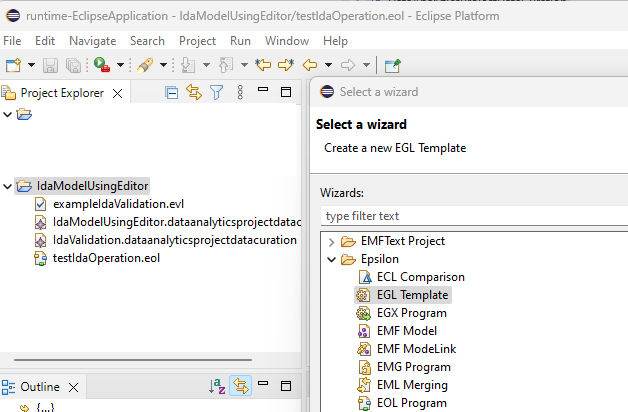
## Dummy EOL creation in the Project:

**At this point just creating the components and flow with pseudocode.**

**Graphical user interface, text, application

Description automatically generated**

EGL Creation in an Editor where Model is created. i.e. I am using .Editor, not in the same place **where meta model was. Although I registered using EPackage registry and could do it there as well.**

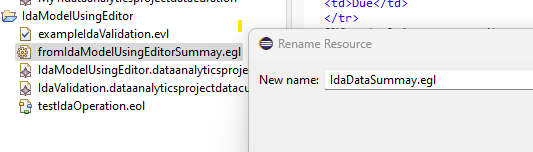
****

## EGL Template for showing Data Summary for IDA/EDA purposes

**Graphical user interface, text, application, chat or text message

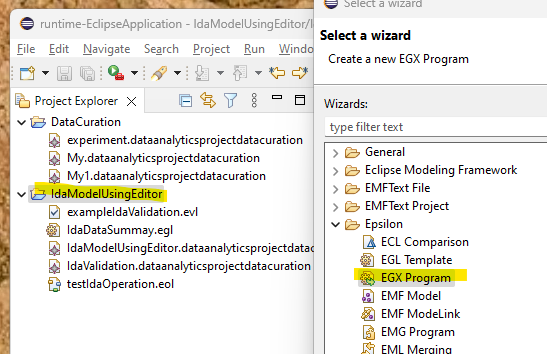
Description automatically generated**

**Rename file/template.**

****

**Text, application

Description automatically generated**

****

**Graphical user interface, text, application

Description automatically generated**

## Update EGX and EGL

**Graphical user interface, application

Description automatically generated**

**Text

Description automatically generated**

## Example run of the example egl

**Graphical user interface, text, application

Description automatically generated**

**Graphical user interface, text, application, chat or text message

Description automatically generated**

# Creating the GMF Diagram

## With the meta model where StateTransition is not there:

**Graphical user interface, application, Teams

Description automatically generated**

## With State Transition. I eventually want to use this.

**Application

Description automatically generated with low confidence**

## Utilizing the generated .diagram editor.

**We could execute and use the diagram; However, at this point, we did not configure the drag and drop state transition yet for this project although tried those for small examples such as FSM.**

**Graphical user interface, text, application

Description automatically generated**