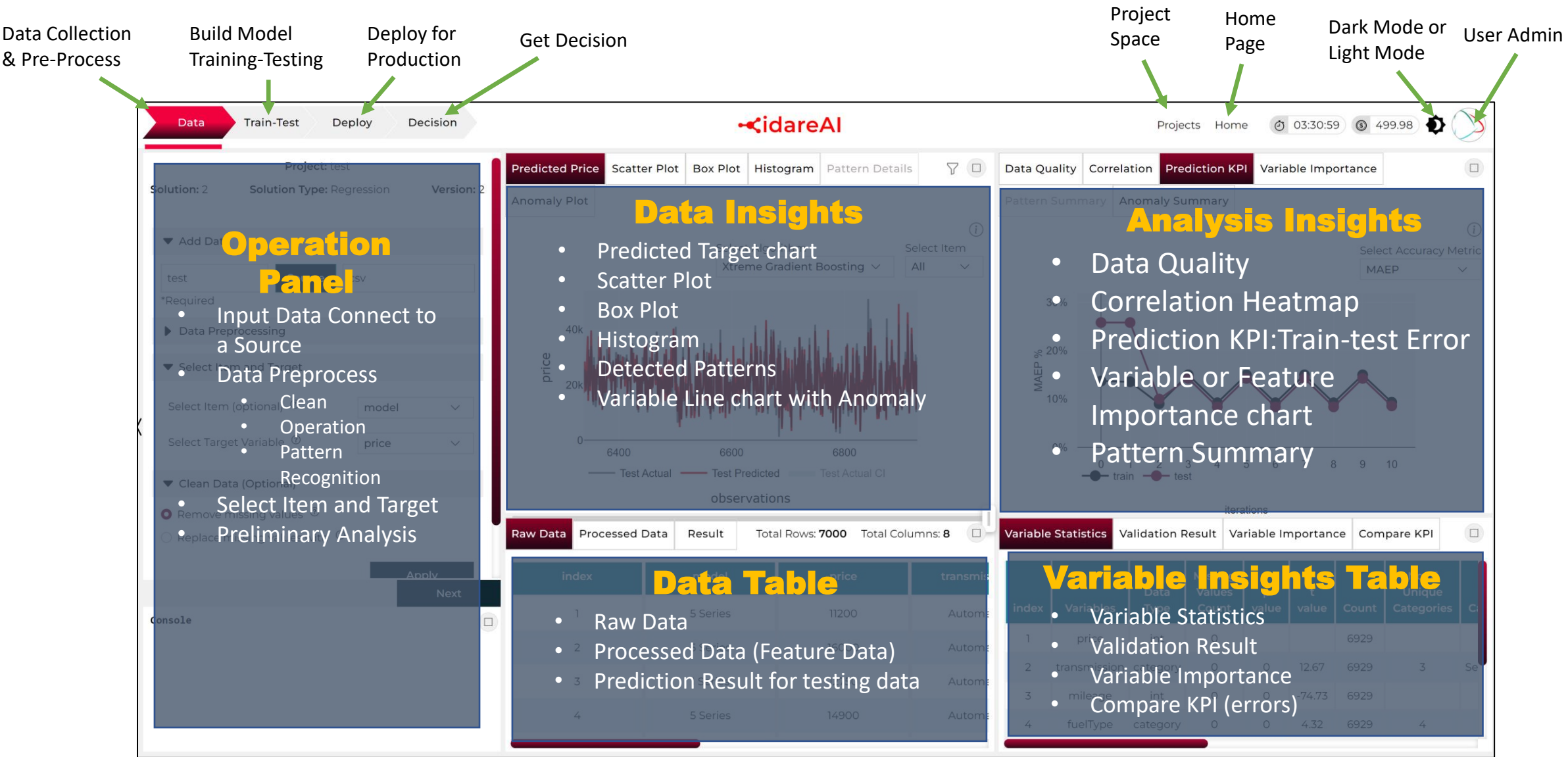IDARE®

Hands-on Experiences on AI Implementation

AI Solution Through Robotic AI Tool

Module 13 Walk Through of the idareAI

4 Steps of Solution Creation

Does and Don'ts:

Data Structure Related

Most of the bad data related issue is taken care off automatically, however avoid following or use excel to modify your data set, if Data set contains following

- Avoid fully unstructured data
- Data set that contains categorical or string column with unique values that may fall into training data set but
- Data set that contains date column with mixed date type format. Please use excel to fix date issues.
- Data set that contains letters other than English, symbols. Replace with English letter in Excel
- Data set that contains exponential form of number i.e. 1E2, convert into numeric decimal to 100
- Data set that contains Columns with ALL blank, missing or null values. Remove the column or uncheck this variable during data import
- Data set that contains Columns contains mix of strings and number, removes string numbers and keep blank using Excel
- Do not Upload data less than 10 rows and 2 columns. You need at least a variable and a target to perform an AIML solution

The Training module of idareAI limits its capability within structured data set. Unstructured data conversion is available in the Enterprise modules

Name	pack_size	rating_count	rating	price	mrp
Tata 1mg Glucosamine HCL 1!	bottle of 60 tablets	284 ratings	4.1	â‚¹995	â‚¹399
Tata 1mg Multivitamin Suprer	bottle of 60 capsules	820 ratings	4.1	â‚¹995	â‚¹498
HealthVit Lgm 500mg Capsul	bottle of 60 capsules	No reviews	Nan	â‚¹1200	â‚¹980
Zincovit Tablet	strip of 15 tablets	4433 ratings	4.5	â‚¹105	â‚¹89
Tata 1mg Vitamin B Complex	bottle of 60 capsules	7 ratings	4.6	â‚¹595	â‚¹448
Shelcal 500 Tablet	strip of 15 tablets	4345 ratings	4.5	â‚¹119.5	â‚¹111
Swisse Ultiboost Co-Enzyme C	bottle of 50 capsules	No reviews	Nan	â‚¹1899	â‚¹1291

Example of Unstructured Data

Does and Don'ts:

Variable modification and Equation Creation

Please remember this application write codes at the backend, therefore general error that may happen during manual coding or following incorrect sequence may show error running the analysis. Following error may happen if operation process includes

- Moving back and forth between build model and data page. If error occurs for such heavy cases,
    - please upload the data again
    - Perform all the data modification and equation creation operation in sequence that can be done in the data page before selecting item and target.
    - Perform all the equation creation operation in sequence in the build model and deploy page

- Avoid selecting a modified variable or a created variable as your target because naturally raw data set for future prediction will not contain the source variable of the target.
- For regression analysis do not choose categorical or string column for target.
- For selecting Item avoid choosing a numerical column unless the column is an identification column for entities, people, IDs etc
- Avoid Categorical variables/columns with all unique values as your feature variable