### Research with solid fill9.3 Hands-on Case Study:

Neural Network Classification

*Download Source Data Set from GitHub link* : <https://github.com/Smartbrain2024/Mastering_AI_2.git>

**Chapters/Chp\_09/9.3/Hands\_on/online\_shoppers\_intention.csv**

###### PCA KNIME Workflow:

Step1: Source Data : online shoppers intention.csv

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Step 2: identify and convert attributes into Categorical Indicator variable A computer screen shot of a yellow square with black lines

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Step3 : Column filter to remove one occurance from multiple

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Step 4: PCA Applied

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Transformed data after PCA Application

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Step 5 : Partitioning Split 70:30

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Step 6: Logistic Regression

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Step 7: Logical regression Predictor

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Step 8: Train and Test Scorer

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Conclusion: Successfully applied a dimension reduction on Data set using PCA component in KNIME workflow.