SPSS Homework Predictive Analytics
WEEK 6

Disclaimer: Homework is made up for educational purposes.

Answer the following questions.

1. Open "**Freight transportation.xlsx**". In "**Trucking prices data**" sheet, split data into train and test set (80:20) and build simple linear regression model (x variable- distance; y variable- price of service).

2. Add second variable *road condition* to model and build multiple linear regression model.

3. Analyze model for both sets and report necessary figures (MAE, accuracy etc.).

4. In "**Train.csv**" dataset indicate "Loan_status" as target. Build model using Logistic Regression, CHAID, SVM, CRT.

5. Combine all built models at task 4 using Ensemble node.

6. Analyze result of Ensamble node.

7. Create supernodes according CRISP-DM diagram.