Southern New Hampshire University

DAT 690 Flowchart Two Guidelines and Rubric

You have now documented and carried out the initial steps required to build an analytic data set. Now it is time to employ your knowledge of model building from prior coursework and create a plan for constructing a sound, reproducible model to address the business challenge.

Incorporating feedback, as appropriate, from this course thus far and prior courses, map out the process you intend to follow for building your model, paying particular attention to variable selection steps, tests for collinearity, and model fit testing, as appropriate to your analysis.

As in your prior assignment, you will create a flowchart to represent the necessary design steps. Additionally, include appropriate notes to capture the design and explain the necessary details.

If you have any questions after reading through the feedback on this assignment, reach out to your instructor. Remember that your instructor is a resource you should utilize throughout the course.

Make sure to include the following critical elements in your flowchart and notes:

Critical Elements
Indicate steps for testing collinearity and interactions
Indicate steps for identifying variables for the multivariable model
Indicate criteria for assessing model fit
Indicate steps taken for collecting and storing model output
Indicate steps for graphically representing results of model

Rubric

Guidelines for Submission: Submit your flowchart in whichever flowcharting tool you prefer (e.g., PowerPoint, Visio, Word). Include the image of the flowchart along with the written notes as either a Microsoft Word document or a PDF.

Critical Elements	Proficient (100%)	Not Proficient (0%)	Value
Testing Collinearity	Indicates steps for testing collinearity and interactions	Does not indicate steps for testing collinearity and interactions	20
Identifying Variables	Indicates steps for identifying variables for the multivariable model	Does not indicate steps for identifying variables for the multivariable model	20
Assessing Model Fit	Indicates criteria for assessing model fit	Does not indicate criteria for assessing model fit	20
Collecting and Storing Model Output	Indicates steps taken for collecting and storing model output	Does not indicate steps taken for collecting and storing model output	20
Representing Model Results	Indicates steps for graphically representing results of model	Does not indicate steps for graphically representing results of model	20
		Earned Total	**100%**

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