PROJECT SPECIFICATION

Combining Predictive Techniques

Overall

CRITERIA	MEETS SPECIFICATIONS
Write up	The write up is written clearly, in complete sentences, and without major typos.
Visualizations	Several visualizations are included. All visualizations are clearly labeled and help answer the related questions.

Task 1

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Number of store formats	Accurately identifies the correct number of formats and provides justification using the Adjusted Rand and CH indices.
Stores per format	Identifies the correct number of stores that fall into each store format.

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Cluster differences	Provides one observation about the differences among clusters, and uses the results of the clusters to provide justification.
Cluster Map	Includes a map that shows the location of the stores, uses color to show cluster, and size to show total sales. A legend is used for both color and size.

Task 2

CRITERIA	MEETS SPECIFICATIONS
Model Selection	States the type of classification model used and adequately justifies the choice using at least one model comparison method.
New Store Formats	Includes a table that correctly identifies the format for each of the 10 new stores.

Task 3

CRITERIA	MEETS SPECIFICATIONS
Forecast Visualization	A table with the correct 12 month forecasts for existing and new stores is provided. A visualization of your

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	forecasts that includes historical data, existing stores forecasts, and new stores forecasts is provided.
Model selection	Compares and identifies the best ETS or ARIMA model to use for forecasting. Justifies the decision by showing the plot and shows forecast error measurements against the holdout sample.