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Combining Predictive Techniques

REVIEW

HISTORY

Meets Specifications

Congratulations on successfully completing the project. This was one of the best project submissions I have reviewed so far. It was a delight going through your submission. Your effort is clearly visible and I appreciate your patience with the reviewing process. Wish you the best of future. Congrats once again for graduating with Predictive Analytics / Business Analyst Nanodegree . Have a great day!

Overall

The write up is written clearly, in complete sentences, and without major typos.

Several visualizations are included. All visualizations are clearly labeled and help answer the related questions.

Task 1

Accurately identifies the correct number of formats and provides justification using the Adjusted Rand and CH indices.

Identifies the correct number of stores that fall into each store format.

Provides one observation about the differences among clusters, and uses the results of the clusters to provide justification.

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

States the type of classification model used and adequately justifies the choice using at least one model comparison method.

Includes a table that correctly identifies the format for each of the 10 new stores.

Task 3

Identifies the best ETS or ARIMA model to use, and justifies the decision by showing forecast error measurements against the holdout sample.

A table with the correct 12 month forecasts for existing and new stores is provided. A visualization of your forecasts that includes historical data, existing stores forecasts, and new stores forecasts is provided.

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