Regional Liquor Sales in Iowa

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Abstract

This is the abstract.

It consists of two paragraphs

Keywords: *Liquor, Liquor Sales.*

Problem

Liquor sales are highly variable and the objective of this report is to create a statiscal model for the number of bottle sold by regional. This will help us predict inventory and assist wholesale distributors and the State of Iowa adjust inventory projections accordingly.

Introduction

describe the background and motivation of your problem.

Research Background (Literature Review)

Methodology

discuss the key aspects of your problem, data set and regression model(s). Given that you are working on real-world data, explain at a high-level your exploratory data analysis, how you prepared the data for regression modeling, your process for building regression models, and your model selection.

Experimentation and Results

describe the specifics of what you did (data exploration, data preparation, model building, model selection, model evaluation, etc.), and what you found out (statistical analyses, interpretation and discussion of the results, etc.).

Discussion and Conclusions

conclude your findings, limitations, and suggest areas for future work.

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References

Appendices

Supplemental tables and/or figures.

Session Info

- R version 3.3.2 (2016-10-31), `x86_64-w64-mingw32`

- Locale: `LC_COLLATE=English_United States.1252`, `LC_CTYPE=English_United States.1252`, `LC_MONETARY=English_United States.1252`, `LC_NUMERIC=C`, `LC_TIME=English_United States.1252`

- Base packages: base, datasets, graphics, grDevices, methods, stats, utils

- Loaded via a namespace (and not attached): backports 1.0.4, digest 0.6.10, evaluate 0.10, htmltools 0.3.5, knitr 1.15.1, magrittr 1.5, Rcpp 0.12.8, rmarkdown 1.2, rprojroot 1.1, rticles 0.2, stringi 1.1.2, stringr 1.1.0, tools 3.3.2, yaml 2.1.14

R statistical programming code.

R source code

Please see Final Project.rmd on GitHub for source code.

https://github.com/ChristopheHunt/DATA-621-Group-1/blob/master/Homework%205/Homework%205.Rmd