Storytelling med dine regresjonsmodeller ved hjelp av SAS Visual Analytics

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Why Data Storytelling?



Questions to ask Ourselves

Telling a Story with Visualization







Who is our audience?

What is the goal of my visualization?

Is my visualization easy to navigate and understand?

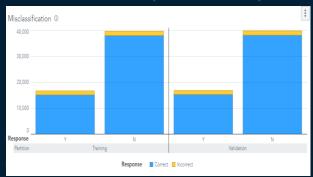


Where does Visualization come in?

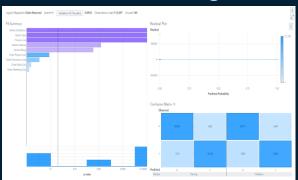
Data Exploration



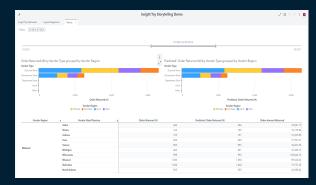
Model Explainability



Model Building



Communication of Results





Case Study



Evaluation of Sales

Insight Toy Company



Sales to your vendors have been slowly declining.

We want to investigate ways to increase profits. We have two years of data on business:

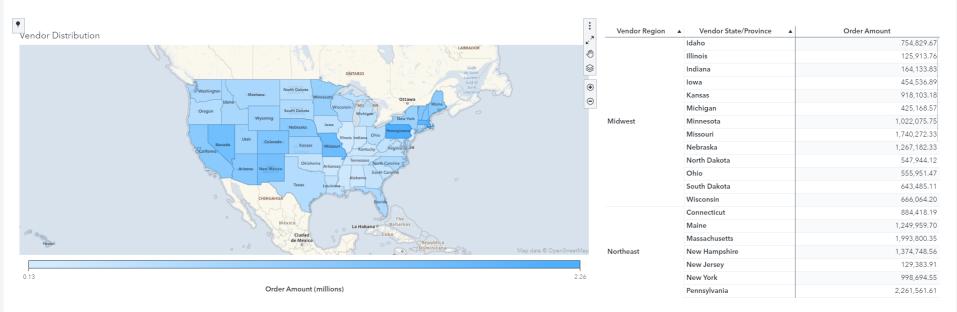
- what products are sold
- to which vendors they are sold
- the associated costs
- metrics about the sales reps and the vendors.

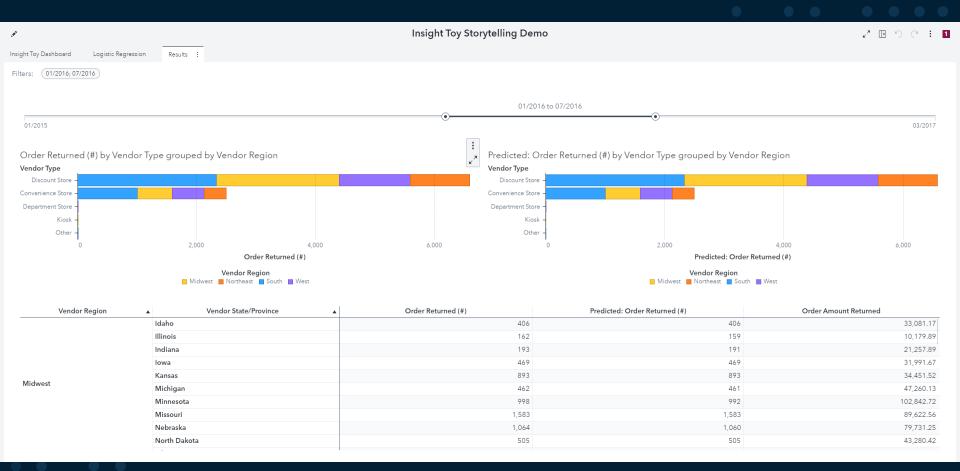


Results

Insight Toy Company Dashboard

Order Profit 20M Order Size 1.2M **Total Cost** 7.9M Order Returned (#) 113K







Further Reading

Importance of Storytelling in Data Science:

- https://www.forbes.com/sites/brentdykes/2016/03/31/data-storytelling-the-essential-data-science-skill-everyone-needs/?sh=5f1dab7252ad
- https://hbr.org/2019/01/data-science-and-the-art-of-persuasion

Dataset used + Documentation:

https://go.documentation.sas.com/doc/en/vacdc/v_008/vaamgs/n06bfdhvcf7k1mn1fvny7nlipz27.htm



Thanks!

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