

The District
Company

Megan
Mortensen,
Connor Phu,
Brian Dassow,
Bella Nordahl

Introducing
the Problem

Status Update

Data Analysis

The District Company

Industry Liason: Dustin Jepperson

Megan Mortensen, Connor Phu,
Brian Dassow, Bella Nordahl

University of Wisconsin Stout

March 30, 2016



Problem Statement

The District
Company

Megan
Mortensen,
Connor Phu,
Brian Dassow,
Bella Nordahl

Introducing
the Problem

Status Update

Data Analysis

- Interpret data to help the company make important business decisions
- Look at the correlation between events and concession sales
- Create and evaluate surveys to determine what customers want and need

Status Update

The District
Company

Megan
Mortensen,
Connor Phu,
Brian Dassow,
Bella Nordahl

Introducing
the Problem

Status Update

Data Analysis

- New data overlap
- Class to organize and access data
- Use regression and heat maps to look at correlations

Data Comparison

The District
Company

Megan

Mortensen,
Connor Phu,
Brian Dassow,
Bella Nordahl

Introducing
the Problem

Status Update

Data Analysis

Category	6/1/2015	6/2/2015	6/3/2015	6/4/2015	6/5/2015	6/6/2015	6/7/2015	6/8/2015	6/9/2015
Uncategorized	\$0.00	\$0.02	\$0.00	\$0.00	\$0.02	\$0.01	\$0.00	\$0.00	\$0.02
Beverages	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.01	\$0.00	\$0.00
Board Games	\$0.14	\$0.00	\$0.06	\$0.00	\$0.00	\$0.12	\$0.00	\$0.14	\$0.00

Item Name	Item Variation	SKU	Category	Items Sold	Gross Sales	Items Refunded	Refunds	Discounts	Net Sales	Tax
Custom Amount	No description		Uncategorized	193	0.92102	-2	-0.003	-0.01294	0.90508	0.03738
2D Printer Use	Regular Price		Uncategorized	34	0.0017	0	0	0	0.0017	0
4- Up Playset Black	Regular	74427845759	Uncategorized	2	0.05998	0	0	0	0.05998	0.0033
4- Up Playset White	Regular Price	74427846046	Uncategorized	1	0.02999	0	0	0	0.02999	0.00165

New Data

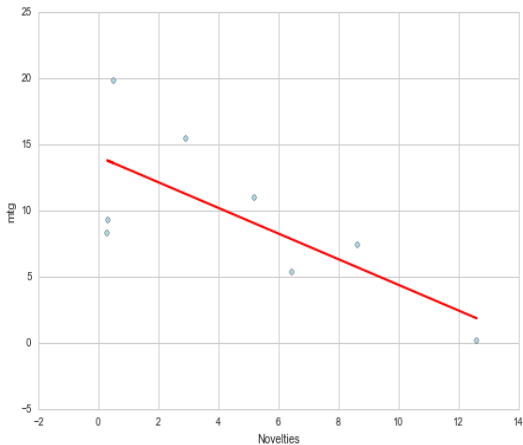
The District
Company

Megan
Mortensen,
Connor Phu,
Brian Dassow,
Bella Nordahl

Introducing
the Problem

Status Update

Data Analysis



Class

The District
Company

Megan

Mortensen,
Connor Phu,
Brian Dassow,
Bella Nordahl

Introducing
the Problem

Status Update

Data Analysis

- Organizes our new data
- Sums up values for taxes, net sales, gross sales, etc

Regression

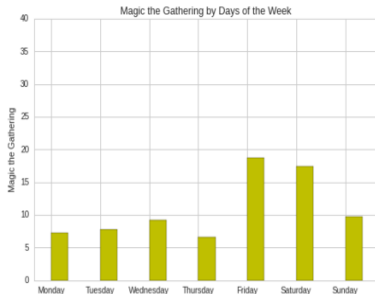
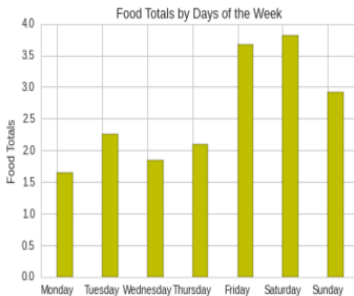
The District
Company

Megan
Mortensen,
Connor Phu,
Brian Dassow,
Bella Nordahl

Introducing
the Problem

Status Update

Data Analysis



Regression

The District
Company

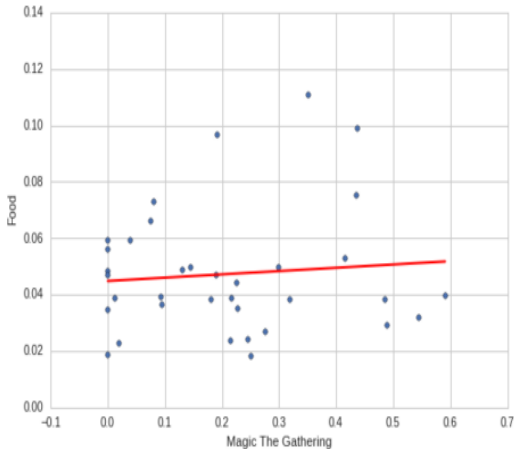
Megan

Mortensen,
Connor Phu,
Brian Dassow,
Bella Nordahl

Introducing
the Problem

Status Update

Data Analysis



Heat Maps

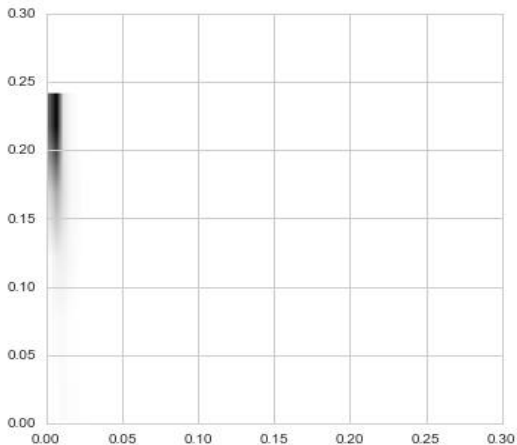
The District
Company

Megan
Mortensen,
Connor Phu,
Brian Dassow,
Bella Nordahl

Introducing
the Problem

Status Update

Data Analysis



Heat Maps

The District
Company

Megan
Mortensen,
Connor Phu,
Brian Dassow,
Bella Nordahl

Introducing
the Problem

Status Update

Data Analysis

