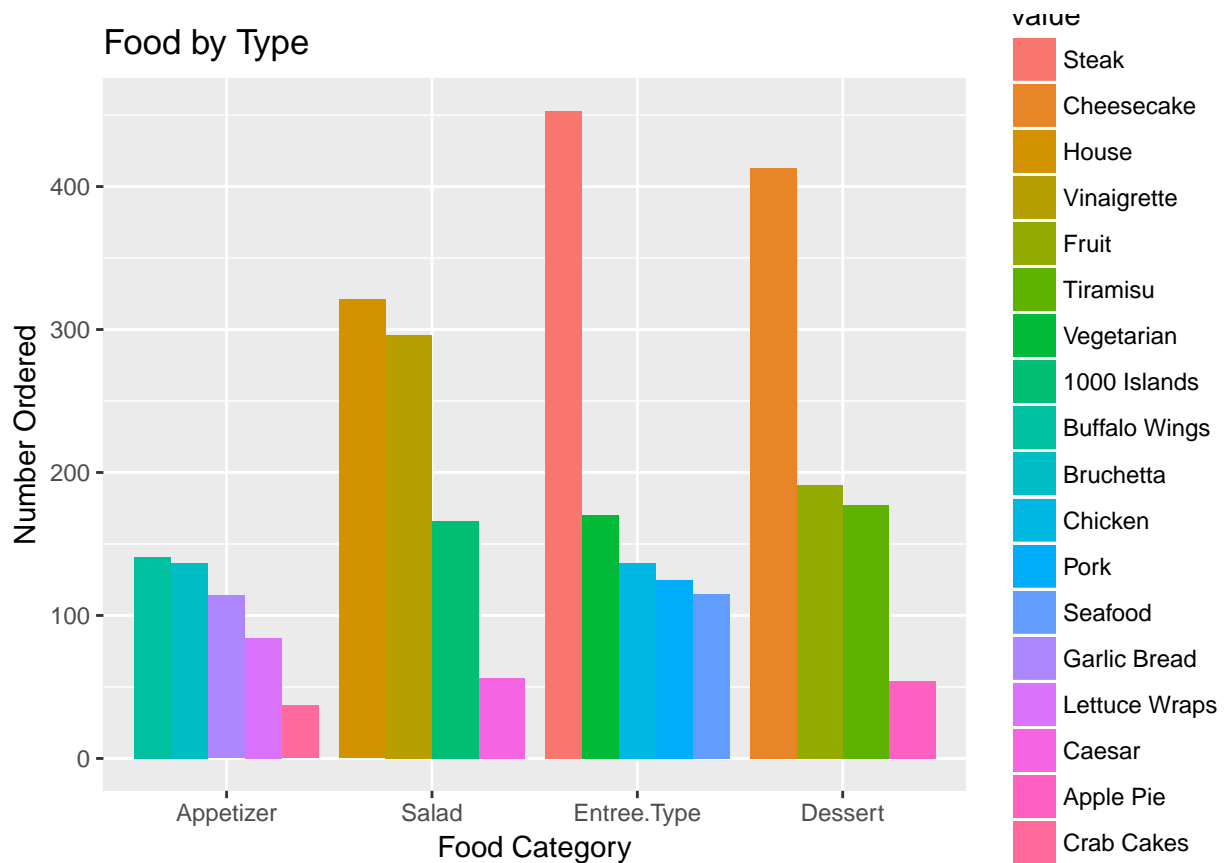# Suite Spot Data Mining

Brian Detweiler, Jordan Hathaway, Kyle Hampton
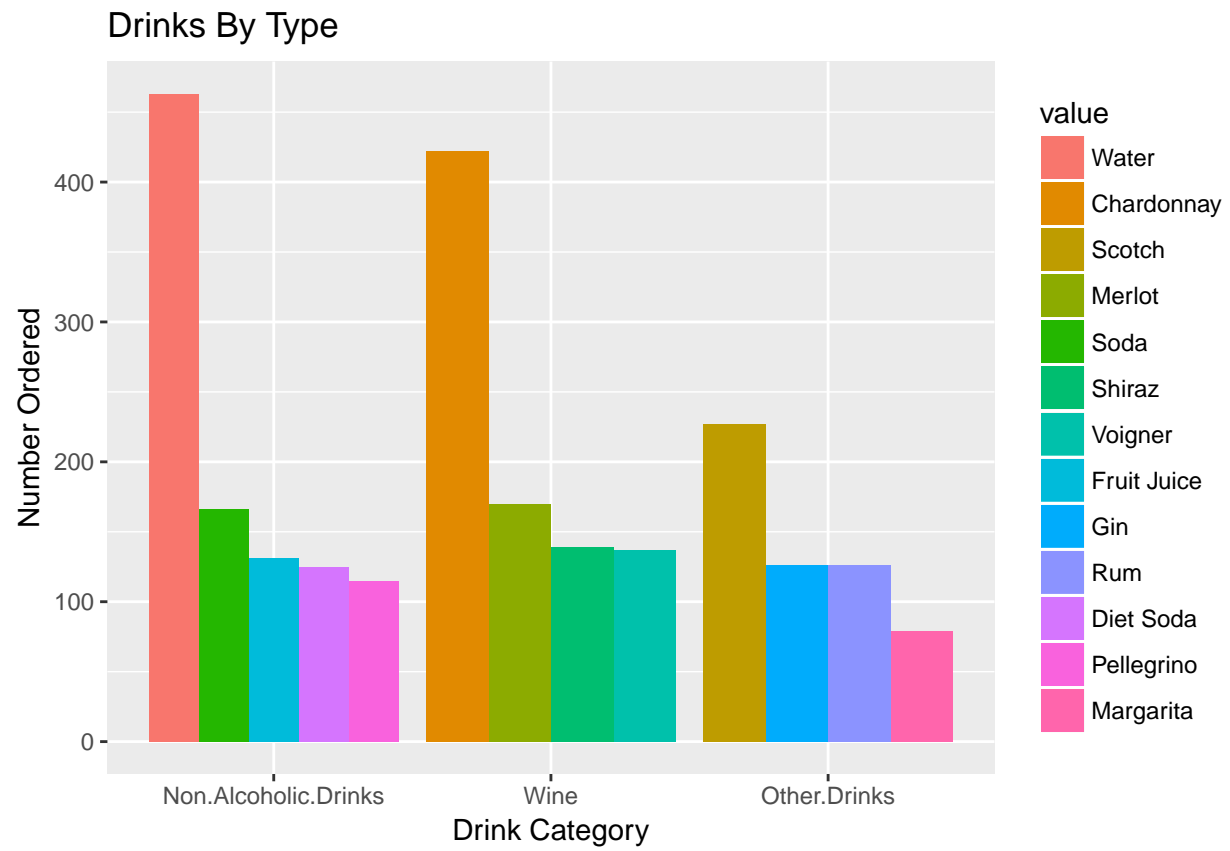
September 20, 2017

Abstract

We believe there is knowledge to be gleaned by mining the data captured by Suite Spot and its locations. This research is fully reproducible and the source can be found at https://github.com/bdetweiler/isqa-8736-decision-support-systems/blob/master/suite-spot-data-mining.Rmd

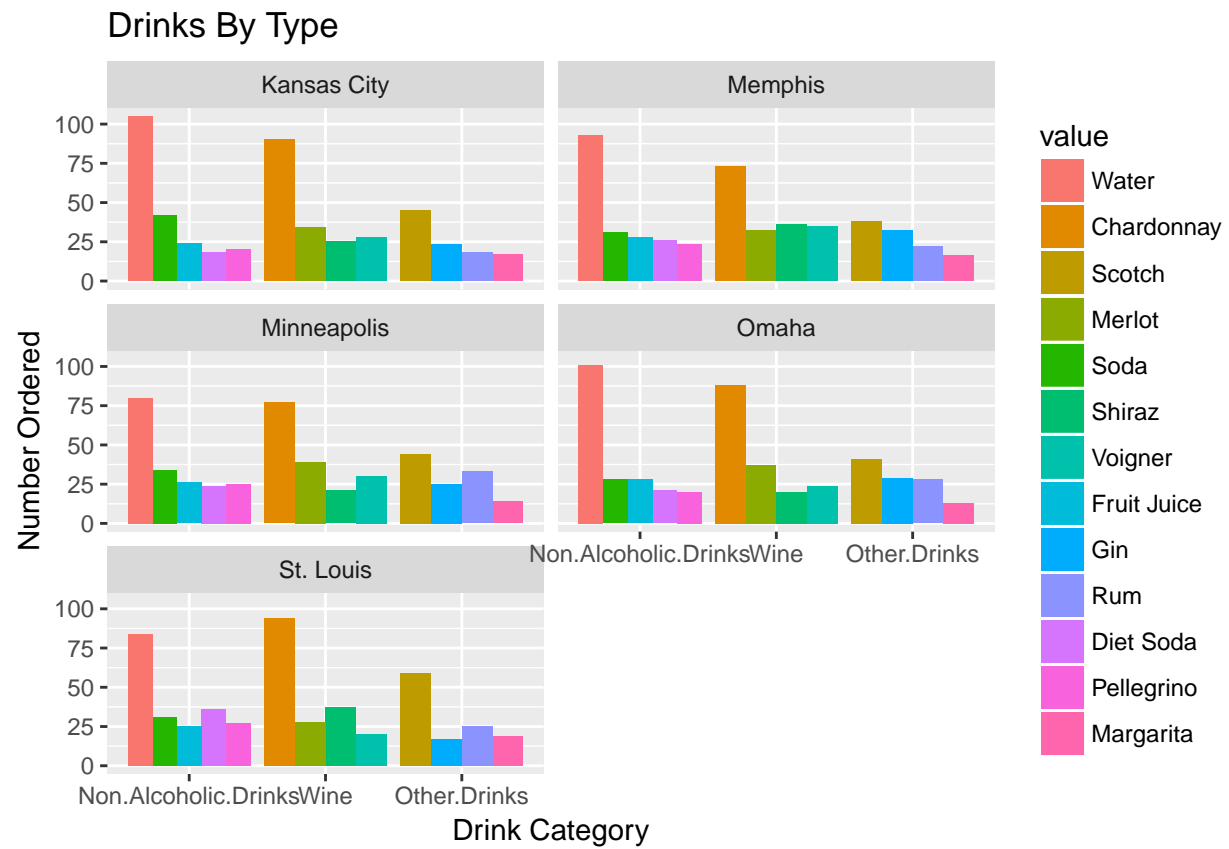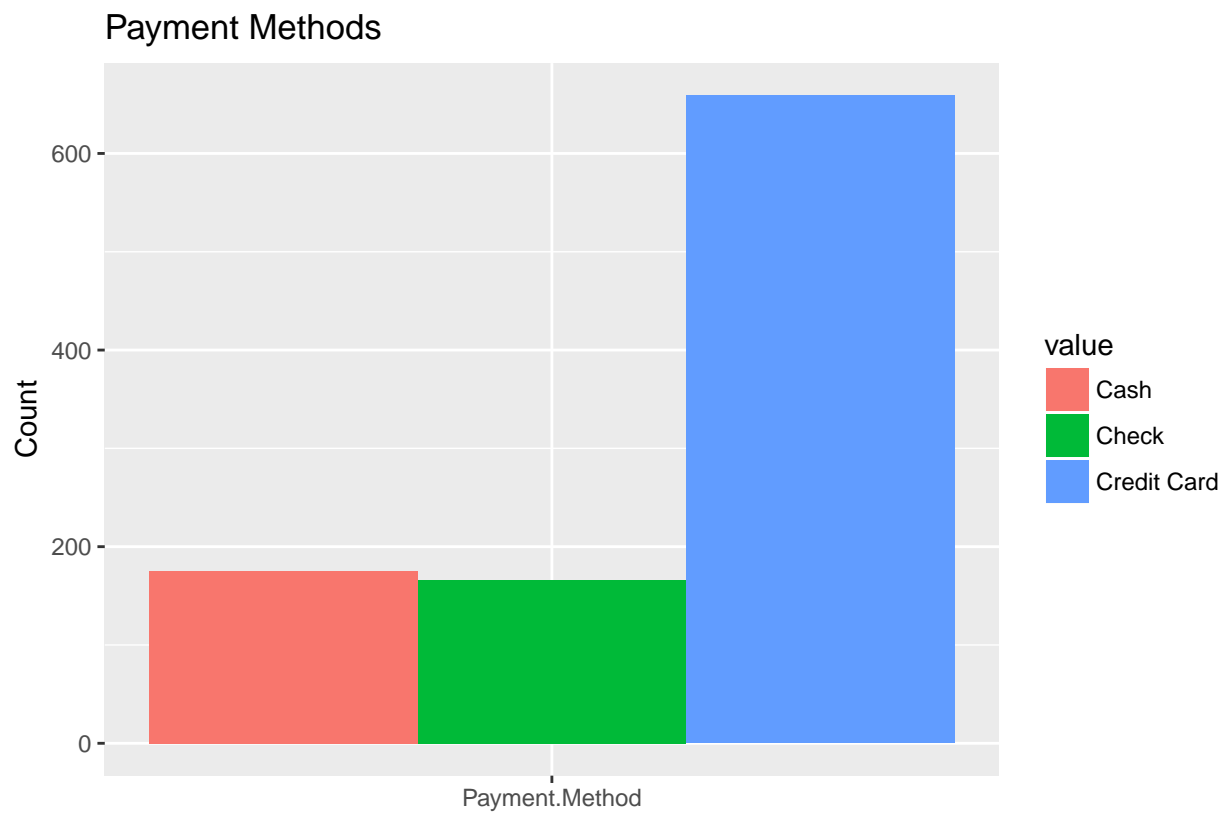## Food and Drink Popularity
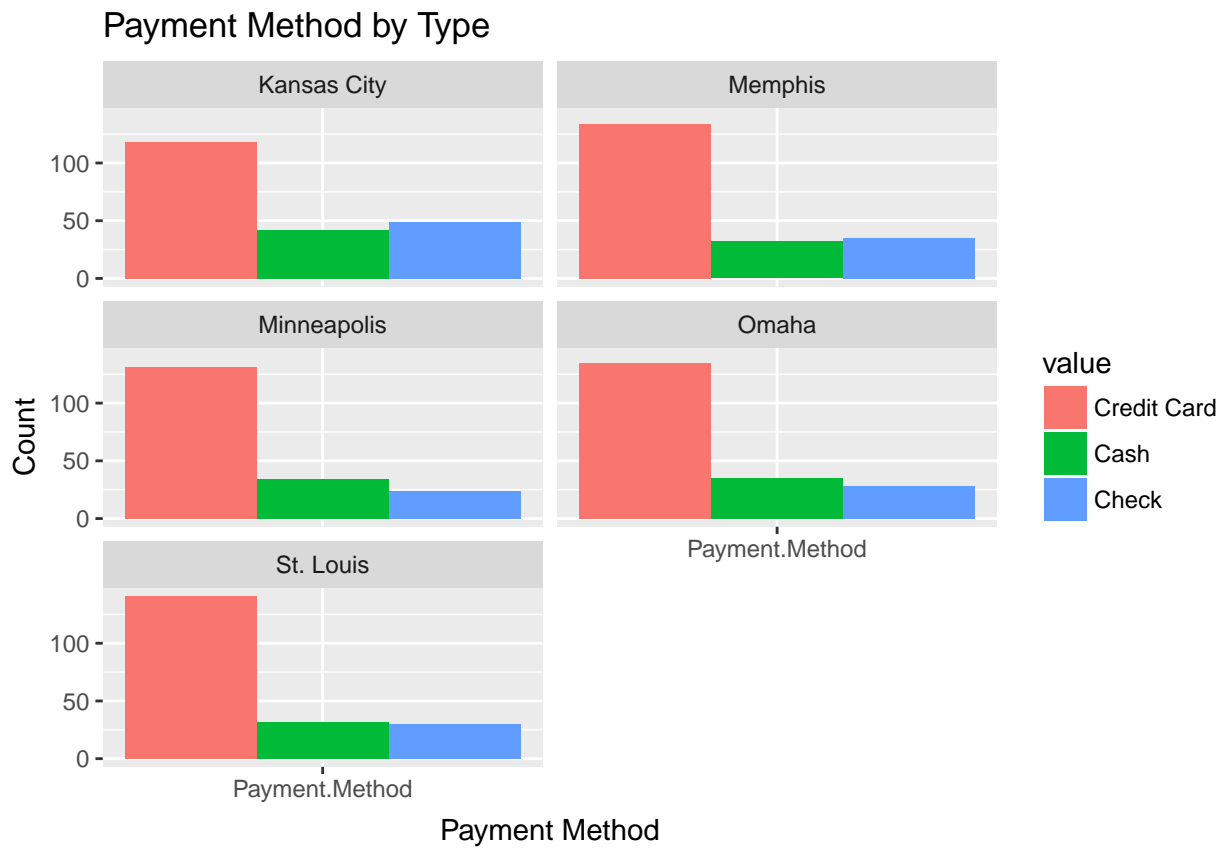
Drinks By Type

Food and Drink Popularity by Location

Food by Type

Drinks By Type

Payment Method Types

Payment Methods

Payment Method Types by Location

Payment Method by Type

Tipping Buckets

Tip Amounts

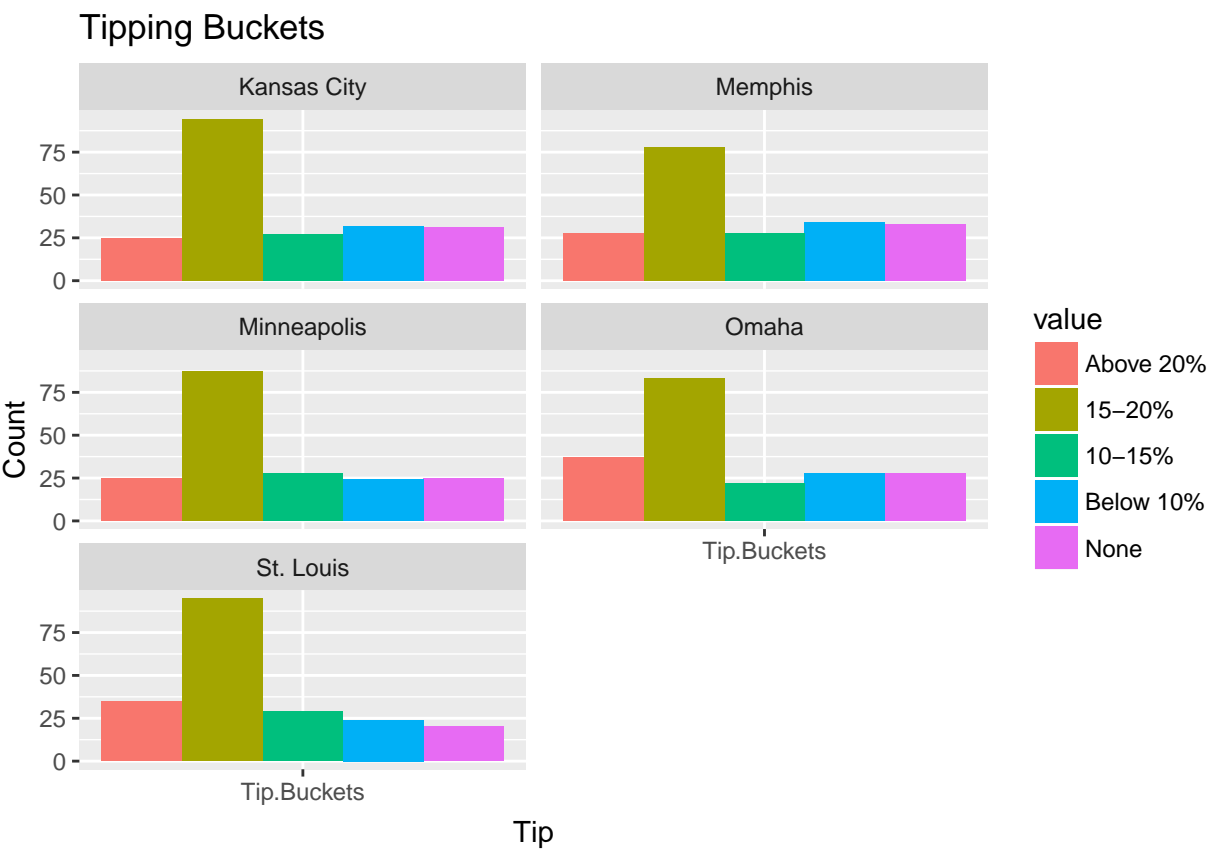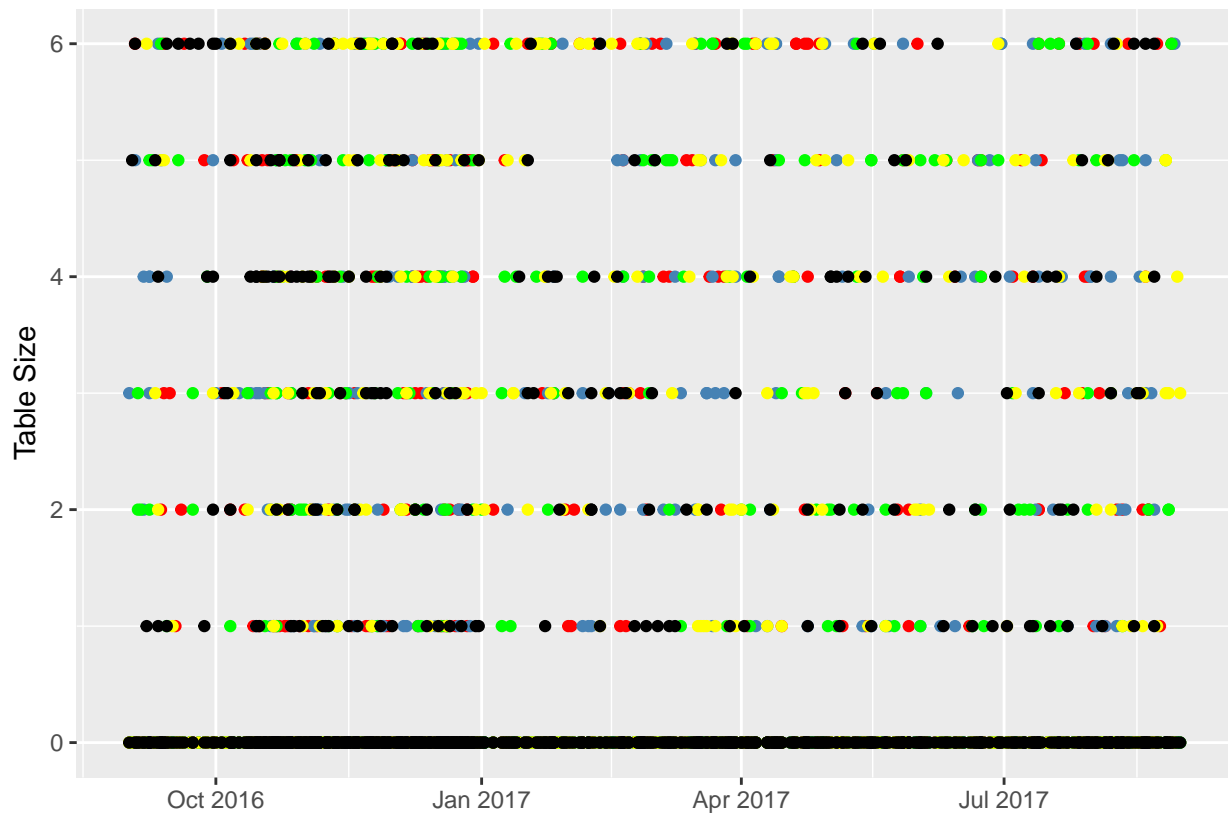**Tipping Buckets by Location**

Tipping Buckets

Table Size by Location by Date

Omaha is in red, Kansas City in blue, Minneapolis in green, St. Louis in yellow, and Memphis in black. It is difficult to detect any patterns here.

Number of Patrons Served by Location, 09/01/2016 - 08/31/2017

Omaha	KC	Minneapolis	St. Louis	Memphis
700	727	672	732	664