**Project Proposal: Predicting Weather Sensitive Product based on Snow and Rain**

I would like to explore if one can predict how much inventory will vary based on the varying climates and cultures. The competition task is to predict the amount of each product sold around the time of major weather events.

This is the Wal-Mart Kaggle competition.

The data sources I plan to use are:

* The <https://www.kaggle.com/c/walmart-recruiting-sales-in-stormy-weather/data>
  + Contains sales data for 111 products whose sales may be affected by the weather (such as milk, bread, umbrellas, etc.). These 111 products are sold in stores at 45 different Walmart locations. Some of the products may be a similar item (such as milk) but have a different id in different stores/regions/suppliers. The 45 locations are covered by 20 weather stations (i.e. some of the stores are nearby and share a weather station).