Big Data Analysis
(Predict Commodity Pricing - General Motors)

The Technology and Innovation
- Hadoop Multi-node Cluster using WSU Servers
- HBase (Hadoop Database)
- Big Data Collection Techniques
- Sentiment Analysis
- Custom Sentiment Analysis Data Models
- Taxonomy Tree
- Tableau

Community/Industry Impact and Value
- Demonstrated value of public data sources, such as Twitter API

Community/Industry Engagement
- General Motors

Team Composition
- Joshua Davis (Team lead), Alex Czarnik, Maria Ferreria, Sravan Nerella, Mohammad Anwar, Zaid Nackasha
- Faculty Advisor: Khayyam Hashmi
- TA: Mohammad Anamul Haque

Learning Experiences
- Hadoop Integration with other technologies
- Mapreduce
- Automation

Further Research and Development
- Data Validation
- Enhance Data Processing (Granularity)
- Apply additional Sentiment Analysis Training Models