Molly McNamara

1st Capstone Project Ideas

1. TSA Claims Database
   https://www.dhs.gov/tsa-claims-data
   This dataset contains passenger claims filed with the Transportation Security Administration from 2002 to 2015. This data could be evaluated to determine any trends in claims by type, location, and outcomes, and results could be used to provide better recommendations to travelers on property protection or predicted success in claims payouts.

2. US Major Cities Pollution
   https://www.kaggle.com/sogun3/uspollution
   This dataset contains 16 years of airborne pollutant levels in major US cities. It might be interesting to combine with weather data to investigate seasonal and environmental impacts. This set could also be combined with a CDC dataset on asthma prevalence to predict how pollutant rates impact health.

3. Cellular Performance in Colorado
   https://data.colorado.gov/Telecommunications/Cellular-Performance-Tests-in-Colorado-2015/6ad7-gqy3
   This dataset contains cellular performance test results for various locations in Colorado in 2015. Denver was recently ranked at the bottom of major US cities for slow cellular service, so an evaluation of this dataset could provide recommendations to customers on what carrier might meet their geographical service needs better or to companies on where additional cellular coverage is needed, particularly if combined with population, traffic or tourism data.