Potential Capstone Projects

# Airline On-Time Performance and Causes of Flight Delays

# What are the causes for Flight delays? Is there any time of the day that we can fly to avoid airport delays? Which airports are mostly affected? Which Airlines are the ones causing all the delays?

# <https://catalog.data.gov/dataset/airline-on-time-performance-and-causes-of-flight-delays-july-2011>

# <http://www.transtats.bts.gov/ot_delay/OT_DelayCause1.asp?pn=1>Office of the Assistant Secretary for Research and Technology

# Road Safety – Analysis of accidents caused by Alcohol

# Is alcohol the real cause for the accidents? Is there a connection between gender and alcohol related accidents? Is there a time during which accidents peak?

# <https://data.gov.uk/dataset/road-accidents-safety-data/resource/864350e1-6dec-4e86-9491-1addf3b2a59a>

# Seattle Police Crime Report

# What are the occurrences of offenses over the years? Is there a trend either increasing or decreasing offenses? Are there any patterns/trends in crimes in particular districts and periods?

# <https://data.seattle.gov/Public-Safety/Seattle-Police-Department-Police-Report-Incident/7ais-f98f>