Exploratory Questions:

General:

* How many firms are there for different types of insurance?
* Which types of insurance accrue the most cost/profit?
* What are the prices of insurance premiums over the years by state?
* Which are the most profitable firms?

Healthcare:

* Compare statistics between employer provided insurance, vs direct pay?
* Compare between private vs. public health insurance.
* What conditions are common to people who are well insured vs. under or uninsured, if any?
* What factors affect insurance premiums (Machine learning would be good here!)
* How does having a disability affect health insurance premiums?
* Are the healthiest states/areas also the best insured?

Housing:

* Percent of home occupied by renters vs. owners over the years/by state
* Which caused the greatest homeowner’s insurance loss? (ie theft, fire, etc)
* Any prominent spikes that occurred after a significant event? (ie Hurricane Katrina)
* Which areas of housing seem to be growing and which are declining (area, rent vs buy, type of home etc.)

Data Sources:

Census-American Housing Survey

<https://www.census.gov/programs-surveys/ahs/data/interactive/ahstablecreator.html?s_areas=00000&s_year=2019&s_tablename=TABLE1&s_bygroup1=1&s_bygroup2=1&s_filtergroup1=1&s_filtergroup2=1>

<https://www.census.gov/programs-surveys/ahs.html>

Manufactured Housing Survey

<https://www.census.gov/data/datasets/2019/econ/mhs/puf.html>

Finance and Insurance: Administrative Expenses and Losses Incurred for Property an

d Casualty Insurance Carriers for the U.S.: 2017

<https://data.census.gov/cedsci/table?q=insurance&g=0100000US&tid=ECNADBNPROP2017.EC1752ADBNPROP&vintage=2017&layer=state&cid=DP05_0001E>

Insurance Information Institute-not Census data but has good information in easy to understand tables

<https://www.iii.org/research-data>

Global insurance stats:

<https://stats.oecd.org/Index.aspx?DatasetCode=INSIND>

NCHS Health Insurance Info:

<https://www.cdc.gov/nchs/nhis/health_insurance/hi_statistics.htm>

<https://www.cdc.gov/nchs/fastats/health-insurance.htm>

<https://www.cdc.gov/nchs/data_access/ftp_data.htm>