**Project Title:** Covid-19 Mortality and Age Groups.

**Team Members:** Anas Ziady, Ram Sreedhar, Sandra Martinez.

**Project Description/Outline:** Covid-19 mortality and older age groups seems to be related. Can we clearly see a correlation between those two parameters across 5 different states within the United States?

**Definition:** Older age groups range from 55 years old and above. The populations are going to be divided between working (55 to 64 years old) and non-working\* (65 years old and above) age ranges.

\*Some people might be working within this age group, but it might not be a significant portion of the population.

**Research Questions to answer:**

**H0:** Covid-19 mortality is not correlated to older age groups.

**HA:** Covid-19 mortality is correlated to older age groups.

**Datasets to be Used:**

1. All States: <https://data.cdc.gov/NCHS/Provisional-COVID-19-Death-Counts-by-Sex-Age-and-S/9bhg-hcku>
2. California: <https://data.ca.gov/dataset/covid-19-cases/resource/339d1c4d-77ab-44a2-9b40-745e64e335f2>
3. Conneticut:<https://data.ct.gov/Health-and-Human-Services/COVID-19-Cases-and-Deaths-by-Age-Group/ypz6-8qyf>
4. Virginia: <https://www.vdh.virginia.gov/coronavirus/#COVID-19-resources>
5. Florida: <https://heavy.com/news/2020/07/florida-covid-19-death-rate-by-age/>
6. Georgia: <https://dph.georgia.gov/covid-19-daily-status-report>
7. Covid-19 Data Sources: <https://www.wunderground.com/lite-content/en-US/coronavirus/sources>

**Rough Breakdown of Tasks:**

1. Data Search: All

2. Proposal: All

3. Pandas: Anas and Sandra

4. Matplotlib/Statistics: Sandra and Ram

5. PPT: Sandra

6. Review all sections: All

7. Written Conclusions: Anas