*1, What is your group #:*

**58**

*2, Have you met/ communicated with your fellow teammates?*

**Yes, very good conversation.**

*3, Have you met/ communicated with your assigned TF?*

**Not yet. We tried to find her contact. Unfortunately, there is no such info under her profile.**

*4, Has your team formulated a well-defined question to address in your project, based on the project description and references?*

* **Key question: How do different anti-contagion policies affect the growth rate of COVID-19 infections in US?** 
  + **Average effect of different voluntary and mandatory non-pharmaceutical policies for the whole population.**
  + **Heterogeneous effects across socio-demographics conditions.**
  + **Use the estimations above to calibrate parameters in SIR model to simulate different policy scenarios by counties in varying settings.**

*5, Briefly describe your team’s plans for work to be completed by Nov 18th (tentative milestone three)*

* **Data collection (By Oct 23rd.)**
* **Yuchen: socio-demographic information by counties from American Household Survey (AHS).**
  + **Above 65: share**
  + **Education: share**
  + **Medical bed number**
  + **Partisanship**
* **Yichun: policy portfolio by counties.**
  + **State Level Testing database**
* **Ziyi: COVID-19 confirmed cases and death by counties.**
  + **Recovered**
* **EDA (By Nov 8th): data cleaning, data visualization and simple correlation plots**
  + **Set up the github**
  + **Cleaning: Nov 1st**
  + **EDA: Nov 8th** 
    - **Yichun: Policy**
    - **Moni: COVID cases + death + recover + google mobility**
    - **Ziyi: Model + interaction platform**
    - **Yuchen: Socio-demographic**
* **Results summary (By Nov 16th)**