#World trade flows data--for more info, see documentation here: http://www.cepii.fr/DATA\_DOWNLOAD/baci/doc/DescriptionBACI.html

world\_trade\_flows <- world\_trade\_flows %>%

rename(year = "t", product\_cat = "k", exporter = "i", importer = "j", trade\_flow = "v", quantity\_tons = "q")

world\_trade\_flows <- world\_trade\_flows %>%

inner\_join(country\_codes, by = c("exporter" = "country\_code"))

world\_trade\_flows <- world\_trade\_flows %>%

rename(exporter\_name = country\_name\_full)

world\_trade\_flows <- world\_trade\_flows %>%

select(-country\_name\_abbreviation)

world\_trade\_flows <- world\_trade\_flows %>%

select(-c(iso\_2digit\_alpha, iso\_3digit\_alpha))

world\_trade\_flows <- world\_trade\_flows %>%

inner\_join(country\_codes, by = c("importer" = "country\_code"))

world\_trade\_flows <- world\_trade\_flows %>%

rename(importer\_name = country\_name\_full)

world\_trade\_flows <- world\_trade\_flows %>%

select(-country\_name\_abbreviation)

world\_trade\_flows <- world\_trade\_flows %>%

select(-c(iso\_2digit\_alpha, iso\_3digit\_alpha))

product\_codes$code <- as.character(product\_codes$code)

world\_trade\_flows <- world\_trade\_flows %>%

inner\_join(product\_codes, by = c("product\_cat" = "code"))

world\_trade\_flows <- world\_trade\_flows %>% #Restricting the dataset from the whole world to just the US and Asian trade partners reduces the size from over 10 million rows to about 44000.

filter(year == 2019, importer\_name %in% c("China", "Japan", "USA", "Puerto Rico and US Virgin Islands", "India", "Republic of Korea"),

exporter\_name %in% c("China", "Japan", "USA", "Puerto Rico and US Virgin Islands", "India", "Republic of Korea"))