Big Data Project Proposal
Members: Araos, Gabrielle; Bacoy, Jeremiah; Gonida, Sean; Ilicito, Norence
Section: CS 129.1 - B

1. Big Data Problem:
    a. Question:
        i. Which stations receives the most amount of traffic on average?
        ii. Which time of the day does the MRT Line 3 stations experience the most traffic?
            ● Comparing the average traffic per hour of the day
        iii. Does the day of the week / month affect rider traffic?
            ● Comparing average traffic per day of the week and week of the month.

2. Dataset
    a. Description of source + Links

    The dataset is sourced from Open Data Philippines (data.gov.ph), a website that collects data from different government websites and agencies. The Department of Transportation, which manages the MRT Line 3, provided the data.

    The dataset holds a record of the hourly number of riders that alight from and board trains stopping in each station of the MRT Line 3.

    b. Procedure on how to get data set
        i. Access the link:
            http://data.gov.ph/dataset/metro-rail-transit-line-3-passenger-traffic-daily/resource/ee0e3699-62a5-444c-a651
        ii. Download the data set as a csv file entitled "2013_mrt_hourly_daily_ridership" , which will be used for the project.