**Intelligent Transportation System (ITS)**

Managing the increasing traffic is a big problem all over the world. Intelligent Transportation System (ITS) provides solutions to these problems with the help of new technologies. ITS is an integrated system that implements a broad range of communication, control, vehicle sensing, and electronics technologies to solve and manage traffic problems. Intelligent transportation is a major part of our daily life because it enables trade which is central in a development of civilization.

The purpose of this research project was to identify the rate of which intelligent transportation has increase from the early 1990s to modern day.

**Question**: Over years, the service of intelligent transportation system improves?

**Data**:

* Before 2000, goo.gl/aycYeY
* After 2000, goo.gl/DxLRvK

**Data explanation**:

Transportation service index (TSI) is updated monthly. The index numbers for the latest three months are considered to be preliminary. BTS releases the preliminary number for the latest month and replaces the number for the oldest preliminary month with a revised number. All other revisions are held until an annual comprehensive revision of the TSI, which will be released as part of the following June TSI release.

**Operation**:

Every member downloads data.

One team member studies the tendency of “TSI-Total” over years, from Jan-90 to Jan-2000

One team member studies the tendency of “TSI-Freight” over years, from Jan-90 to Jan-2000

One team member studies the tendency of “TSI-Passenger” over years, from Jan-90 to Jan-2000

One team member studies the tendency of “Gross Domestic Product” over years, from Jan-90 to Jan-2000

One team member studies the tendency of “Freight” over years, from Jan-2000 to Jan-2017

One team member studies the tendency of “Passengers” over years, from Jan-90 to Jan-2000

One team member studies the tendency of “Total” over years, from Jan-90 to Jan-2000

**Results**:

In the mini project, the tendency shown in a line chart is expected for each team member. Please consider whether these results from individual team member can be integrated and how. In the slides, please also include background introduction, hypothesis or question that you ask yourself, and method.