# Group Information

Group Name: Krishna Arjun

Type of Project: Simple Project

Project Name: **Interrelation between Federal Student Aid and Adult Literacy Rate**

Team Members: 2

## Details of team members

1. Shraddha Bang - SXB180041
2. Sankalp Bhandari - SSB170006

# Summary

This project proposal describes the high-level overview of the implementation of the semantic web team project. This project is about extracting relation between campus-based programs that provide student aid and the national literacy rate.

This proposal also discusses about expected results of the project.

# Data

Data sets used:

* Datasets: Campus Based Program Data for Federal Student Aid

Provides annual recipient, disbursement and federal award information for the Campus-Based Programs by postsecondary school.

<https://catalog.data.gov/dataset/campus-based-program-data-for-federal-student-aid>

* Datasets: 2003 National Assessment of Adult Literacy

This data by NAAL is a cross-sectional assessment that collected information about English literacy among American adults age 16 and older.

<https://catalog.data.gov/dataset/2003-national-assessment-of-adult-literacy>.

# Decision Criteria

Following was the alternatives considered and rejected due to reasons mentioned below: -

1. Using Consolidated Federal Funds dataset – The report reflects Federal Government expenditures by State and territory for 1989, including grants, salaries and wages, procurement, direct payments, etc. The report reflects Federal Government expenditures by State and territory for 1988, including grants, salaries and wages, procurement, direct payments, etc. We wanted to integrate this with the financial aid provided to states for education. This could have reflected the relation between the literacy rates and the federal fund distribution. This would have helped to determine the gaps between the federal funds and literacy rate. But we did not have proper data for this.

# Who is interested in this information?

1. This information will be useful for government officials to identify the areas which directly affected by lack of funds and hence, work on improving the condition.
2. This information may also be used by parents/students to identify developed areas which will ensure a quality education with better facilities.

# Expected Results

Following will be the expected results of this project: -

1. Getting an insight as to how campus-based student aid programs and literacy rates are related to each other.
2. Graphical representation of the effect of student aid programs on literacy rate.

These results will be interesting because scope of this project can help government officials make better decision based about lack of fund from extracted relationships and structures data visualizations. Even casual users might benefit by gather general knowledge from this data about literacy rates