**Deaths of Despair: A comparison of suicides per 100,000 amongst age groups based on Kaggle suicide data (1985 – 2016)**

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**Abstract**

**Problem**

**Method**

**Results**

**Implications**

**Research Question**

INTRODUCTION:

Describe the dataset

Research Question

Null & Alternative Hypothesis

Visualization:

Explain data visualization

Explain what it shows (in our case explain every plot)

Visualizations should be imported into your document as images created by R script; do NOT import screenshots!

Analysis:

describing the statistical analysis used to test your hypotheses, and

what it means.

Conclusion:

Describe what analysis means

Or this template below

Commonly referred to as a “lab manual” or “project organization protocol,” a research management document is used to outline expectations for your project team and to keep your project on track. In addition to increasing research efficiency, developing and sharing research and data management best practices for your team will help to foster a climate of diversity and inclusion by creating transparent work practices that provide equal footing for all team members to positively contribute to the research project.

Most people don’t have picture perfect memory, so even solo projects can benefit from creating a manual. Think of this document as a living “readme” file for your project. At the start of the project, it will explain your intended practices; be sure to keep the document updated if you find that particular aspects of your plan require modification.

This document provides a descriptive list of items to help you create a research management plan for you and your team. Consider all of the documentation possibilities presented here, then use your discretion to add/edit/modify to fit your project parameters. Depending on the size and complexity of your project, certain components may require separate and more detailed documentation. For example, data collection protocols may be referenced in a project organization protocol and live as their own stand-alone documents.

**1.PROJECT** **OVERVIEW**

**A. Summary** **of** **Research:** In a brief statement describe the research to be performed and the data to be developed. This could include a statement on the source of funding; research design and context; project history; aims and objectives; hypotheses; related publications and research outputs; etc.

**B. Roles** **and** **Responsibilities:** Description of the research team. List team member names and contact information. Include additional details such as team member roles and responsibilities, both generally and specific to data management/organization. Provide information on data ownership and rights. Set guidelines for communication best practices; standards for teamwork and conduct; other general expectations (e.g., work required for publication credit, etc.).

**C. Individual** **Team** **Member** **Documentation:** Detail standards and practices for personal lab notebooks or project diaries. Include information such as documentation responsibilities; ownership of research materials; and sharing policies.

**INTRODUCTION:**

Suicide regularly gets from profound sensations of sadness. Casualties ordinarily have the powerlessness to see answers for issues or to adapt to testing life conditions which at that point drives them to consider suicide to be the lone arrangement. As indicated by World Health Organization Suicide is a significant medical condition worldwide and is a main source of death. More than 800,000 individuals pass on consistently from Suicide which is assessed to be at a pace of one individual like clockwork. However, Suicide is preventable when ideal, powerful intercessions are actualized at public, civil and individual levels. With regards to a nation's pay level, Suicide does not simply happen in major league salary nations, however it is a worldwide marvel in all locales of the world. Truth be told, over 79% of worldwide suicides happened in low-and centre pay nations in 2016. **This research will be focused on Is there a difference in a suicide rate/100k among the age groups and supporting hypothesis as:**

**H1: There is a difference in the suicide rate/100k among the age-groups.**

**H0: There is no difference in the suicide rate/100k among the age-groups.**

**DATA:**

The information to be utilized in this task was gathered by extracting data from an online information base (Kaggle.com).

There are sum of 27,820 cases where each case speaks to a nation and the suicide rate inside an age-group gathering of males or females for the year somewhere in the range of 1987 and 2016 alongside the nation's GDP at that point. **As referenced before, the research will be focused about finding any connection between Suicide rate/100k and age-group, in this way these are the two factors which will be the fundamental concentration in which suicide is a dependent variable and age-group is an independent variable**

This research is an observational investigation since the members are seen with no sort of interference. Therefore, **the objective is to check whether is there any difference in the Suicide rate/100k among age-group.** The number of inhabitants in interest is all people ages 5 and up who ended it all. The socioeconomics from this data comes from nations around the globe so we can sum up our decisions to the population internationally. In any case, since the Research is observational the discoveries cannot be utilized to set up causal connections, just **Comparison of proportions**. For likely inclination, we need to accept that each nation similarly revealed all Suicide occasions, in any case our decisions might be inaccurate. Suicide is viewed as a negative fascination for a nation's economy so on the off chance that numbers go unreported, at that point the outcomes will reflect error.