**Group Feedback**

**Group: M**

**Generally:**Check for typos and grammatical errors. For instance, “*Sectiona”, “This initial Exploratory Data Analysis incorporates so that we could see which approach”*

The presentation structure of the study could be improved. Use Table of Contents (ToC) to make your notebook cleaner and easier to read.

Not all titles for various graphs used were specified. Some of the text was mixed up, e.g. pie chart on government grants.

Provide a summary of the entire results and insights gained from the study.

**Other**

1. *The datasets for the first three waves are available on DataFirst, an online microdata library dedicated to giving open access to data from South Africa and other African countries.* Provide the link for the dataset for verification.
2. The purpose of your study should inform and clearly be defined.
3. *we knew we wanted to focus on COVID-19’s effect on the labour and welfare of South Africa*
4. Consider indicating which effects your study will focus on - the positive or negative effects?
5. You may use either a cross-sectional or longitudinal study design. However, you should provide enough justification for why a particular design is chosen.
6. Hypothesis and research questions are missing.
7. Sub-heading – demographics: provide a brief description for easy reading. Provide further information on the graphs for gender as done with the case of race.
8. Under **labour**, indicate how you treated the missing data. Consider removing missing values using dropna() or fill gaps using fillna()
9. Under movement – add axis labels to the graph provided.

**Group: N**

**Generally:**

Check for grammatical and typographical errors, and fix them.

The content could be improved by working out the research’s overall structure and focus, especially on the methodology.

Consider adding an executive summary to give a snapshot of the overall structure of the study.

Sub-headings must be reformatted to give a clearer flow of work.

Use Table of Contents (ToC) to make your notebook cleaner and easier to read.

**Other**

1. Introduction of the study not clear in focus. The problem to be solved is not also very clear
2. Purpose not clearly stated, and research questions very broad. Consider focusing on an issue at a time. What about - *What are the “****main”*** *factors that are affecting the South Africans’ standard of living?*
3. The hypothesis is also not well stated. You may consider using relevant variables, predicted outcome and what is being studied to formulate. Enough data provided and a description presented.
4. Under methodology, the content of the method not detailed.

Point 5 is not very clear. Provide further information for clarity.

1. Under Exploratory Analysis, Results have not been well presented and explained. Consider bringing out these concerning the research question and or hypothesis.

The factors affecting the standard of living are not very clear.

1. The results that emanated from visualization separately based on the household information are not expressive enough. Consider adding some info to the graphs to provide a brief interpretation for a quick understanding of what each does.

**Group: O**

Generally:

The research question and hypothesis is not clearly stated. I guess the group could look at modelling the factors likely to cause a high unemployment rate in South Africa - i.e. identifying variables that will have a high impact on the unemployment rate.

The title should be well focused and brief. Avoid any unnecessary wordings.

Ensure sub-headings are well formatted

1. Introduction

Problem description done

Hypothesis and Research questions are present but not well written.

The purpose of the study has not been captured well.

1. Data

Data access link provided with the description of the dataset with dates which is good.

Indicate the size of the data.

1. Methodology

Very scanty, consider a detailed description of the method used. Check your markup language syntax.

1. Data Wrangling

Codes well commented to explain what is happening in your codes – very good.

1. Exploratory data analysis

Good. However, some results from plots were not well explained. The implication of the study could have been captured. Some of the plots were not relevant to the issue of focus

**Group: P**

General Comments:

Tittle too broad and does not focus on the scope of the study.  
The title should be well focused and brief. Avoid any unnecessary wordings.

The executive summary should be concise and introduce the overall structure of the study.

The presentation style could be improved in terms of the flow of information.

1. Introduction

Problem description has been done but not detailed

Hypothesis not present. Research questions should be moved to the introduction.

The purpose of the study has not been captured.

1. Data

Data access link provided.

Data description and summary clearly stated could be improved. Good.

1. Methodology

Elaborate and indicates the necessary transformations.

1. Data Wrangling

Description of codes done to provide information on how the processes work. Thumbs up! You may have to give a clear view of how missing values were handled.

1. Exploratory data analysis

Some of the interpretations of the results were not too clear, e.g. Employment Status vs Population Group.

**Group: Q**

**General Comments**

Scope well defined

Check for typos and grammatical errors and fix them.

The executive summary should provide information on the overall structure of the project.

It would help if you did a little more to improve the content and presentation of the project.

1. Title Present. Very interesting topic for the study.
2. Introduction

Problem context not clearly stated.

The purpose of the study indicated and the scope well defined. Very good

Research Questions should be stated with question marks

1. The methodology has been stated. Provide steps involved in achieving your objective for the study.
2. Data Description

Access to data link and data size not provided. Year of data under study and date collected supplied with a full description of its structure. Good.

1. Data Wrangling

Data cleaning, transformations and analysis were done with some results presented.

1. Exploratory Analysis

Results presented. Provide a summary of the results provided to give a snapshot of what has been done.