

Quantitative Research Work Plan

1. Research Title

- A title that reflects the quantitative focus of the research.

2. Introduction

- Background and rationale for choosing a quantitative approach.
- Problem statement and specific objectives.

3. Research Questions and Hypotheses

- State measurable research questions.
- Include testable hypotheses.

4. Literature Review

- Focus on studies employing quantitative methods.

5. Methodology

- **Research Design:** Experimental, correlational, or survey-based.
- **Population and Sample:** Target population, sampling method, and sample size determination.
- **Instruments:** Surveys, tests, or tools used for data collection.
- **Procedures:** Detailed, step-by-step explanation.
- **Statistical Methods:**
 - Descriptive statistics (mean, median, standard deviation).
 - Inferential statistics (t-tests, regression, ANOVA, etc.).

6. Work Schedule/Timeline

- Example:

Task	Timeline (Start-End)
Literature Review	Jan 1 - Jan 15
Survey Design	Jan 16 - Jan 31
Data Collection	Feb 1 - Feb 28
Data Analysis	Mar 1 - Mar 15
Final Report Writing	Mar 16 - Mar 31

7. Resources Required

- **Human Resources:** Field researchers, statisticians, etc.
- **Tools:** Statistical software (e.g., SPSS, R, Python).
- **Budget:** Allocation for data collection and analysis tools.

8. Ethical Considerations

- Participant confidentiality, informed consent, and institutional review board (IRB) approval.

9. Expected Outcomes

- Specific statistical results and their implications.

10. References

- Properly formatted citations for quantitative research literature.

11. Appendices (if applicable)

- Include instruments, statistical formulae, or raw data samples.