

1. **Introduction**
The purpose of this study is to investigate the effects of the proposed system on the performance of the system. The study is divided into two main parts: a theoretical analysis and an experimental evaluation. The theoretical analysis is based on the principles of the system and the experimental evaluation is based on the results of the experiments.

2. **Theoretical Analysis**
The theoretical analysis is based on the principles of the system. It is divided into two main parts: a theoretical analysis of the system and a theoretical analysis of the results. The theoretical analysis of the system is based on the principles of the system and the theoretical analysis of the results is based on the results of the experiments.

3. **Experimental Evaluation**
The experimental evaluation is based on the results of the experiments. It is divided into two main parts: a theoretical analysis of the system and a theoretical analysis of the results. The theoretical analysis of the system is based on the principles of the system and the theoretical analysis of the results is based on the results of the experiments.

4. **Conclusion**
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5. **References**
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6. **Appendix**
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Problem 1
 Consider the function $f(x) = x^2 + 3x - 4$. Find the derivative $f'(x)$ using the power rule.

Problem 2
 Find the derivative of $f(x) = \sin(x)$ using the definition of the derivative.

Problem 3
 Find the derivative of $f(x) = \ln(x)$ using the definition of the derivative.

Problem 4
 Find the derivative of $f(x) = e^x$ using the definition of the derivative.

Problem 5
 Find the derivative of $f(x) = x^2 \ln(x)$ using the product rule.

Problem 6
 Find the derivative of $f(x) = \frac{1}{x}$ using the definition of the derivative.

Problem 7
 Find the derivative of $f(x) = \sin(x^2)$ using the chain rule.

Problem 8
 Find the derivative of $f(x) = \cos(x^2)$ using the chain rule.

Table 1 Summary of the data used in the study

Variable	Unit	Range	Mean	SD	Skewness	Kurtosis
Age	Years	18-75	45.2	12.5	0.15	-0.25
Gender	Male/Female	1-2	1.5	0.5	0.05	-0.10
Education	Years	12-18	15.8	2.1	0.20	-0.30
Income	\$/month	1000-5000	2500	1000	0.30	-0.40
Health Status	Good/Bad	1-2	1.8	0.2	0.02	-0.05
Stress Level	Low/High	1-3	2.1	0.8	0.10	-0.20
Life Satisfaction	1-5	1-5	3.2	1.0	0.08	-0.15
Resilience	1-10	1-10	6.5	2.5	0.12	-0.22
Optimism	1-5	1-5	3.8	1.2	0.05	-0.10
Gratitude	1-5	1-5	3.5	1.1	0.03	-0.08
Self-Compassion	1-5	1-5	3.0	1.0	0.01	-0.05
Emotional Regulation	1-5	1-5	3.5	1.0	0.04	-0.09
Prosocial Behavior	1-5	1-5	3.2	1.0	0.06	-0.12
Life Purpose	1-5	1-5	3.0	1.0	0.02	-0.07
Meaning in Life	1-5	1-5	3.5	1.0	0.03	-0.08
Existential Well-being	1-5	1-5	3.0	1.0	0.01	-0.05
Transcendental Well-being	1-5	1-5	3.5	1.0	0.04	-0.09
Overall Well-being	1-5	1-5	3.2	1.0	0.05	-0.10

Table 2 Descriptive statistics for the study variables

Variable	Mean	SD	Min	Max
Age	45.2	12.5	18	75
Gender	1.5	0.5	1	2
Education	15.8	2.1	12	18
Income	2500	1000	1000	5000
Health Status	1.8	0.2	1	2
Stress Level	2.1	0.8	1	3
Life Satisfaction	3.2	1.0	1	5
Resilience	6.5	2.5	1	10
Optimism	3.8	1.2	1	5
Gratitude	3.5	1.1	1	5
Self-Compassion	3.0	1.0	1	5
Emotional Regulation	3.5	1.0	1	5
Prosocial Behavior	3.2	1.0	1	5
Life Purpose	3.0	1.0	1	5
Meaning in Life	3.5	1.0	1	5
Existential Well-being	3.0	1.0	1	5
Transcendental Well-being	3.5	1.0	1	5
Overall Well-being	3.2	1.0	1	5