



**PROJECT REPORT  
PREDICTING AND ANALYZING SALES PT.  
MITRA ASIA SYNERGY USING LINEAR  
REGRESSION METHOD**

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2019**

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PREDICTING AND ANALYZING SALES PT. MITRA ASIA SYNERGY  
USING LINEAR REGRESSION METHOD

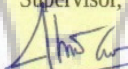
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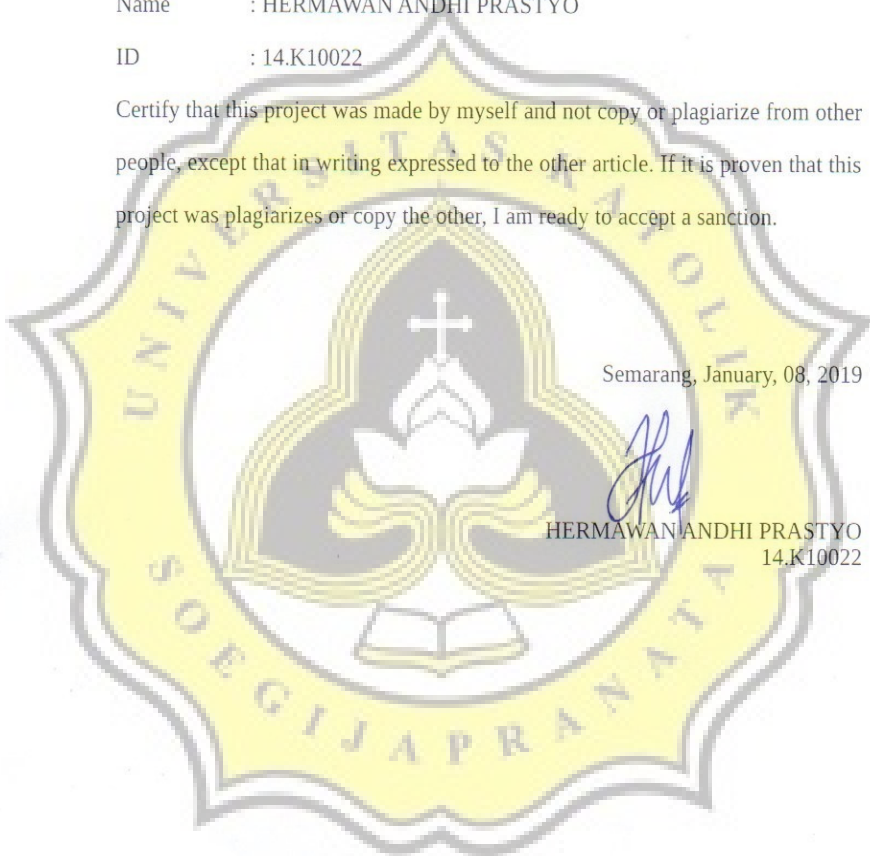
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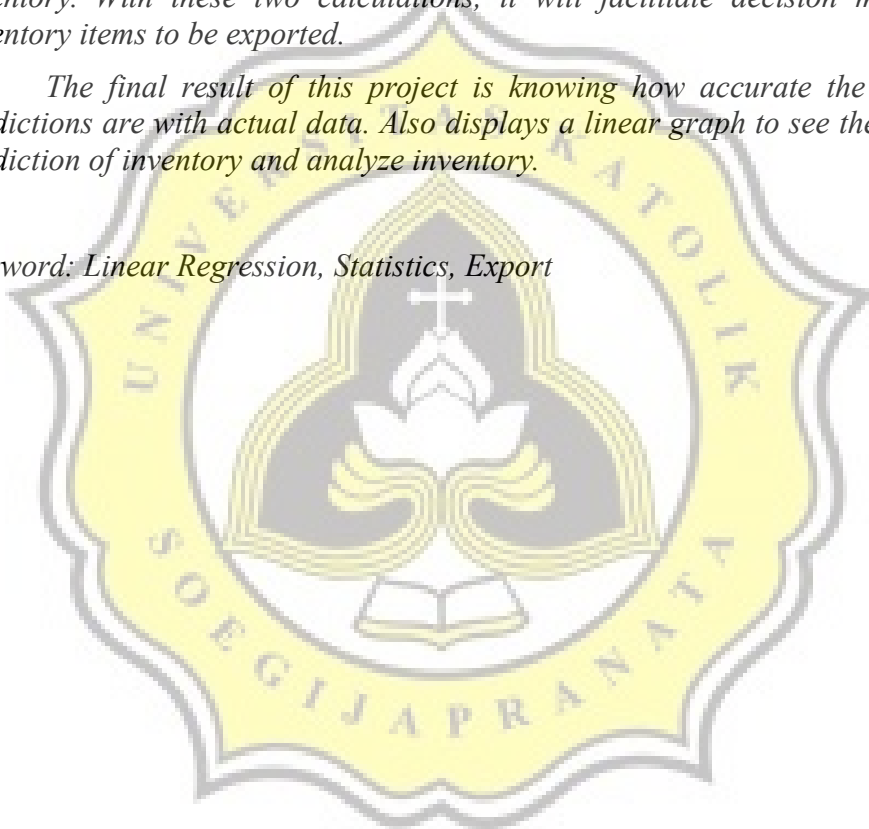
## ABSTRACT

*The problem in this project is about inventory. For exporters, it is certainly very difficult to know the inventory of goods that must be prepared every month. If one provides goods inventory, it will hamper the sale of goods. Also the types of goods sold are very varied, making it difficult to see how much inventory must be prepared for one type of item.*

*For this reason, it requires a sales prediction per item. So that it knows the estimated inventory of goods that must be prepared. One of the predictions used is Linear Regression. In addition, statistical calculations are needed to analyze inventory. With these two calculations, it will facilitate decision making for inventory items to be exported.*

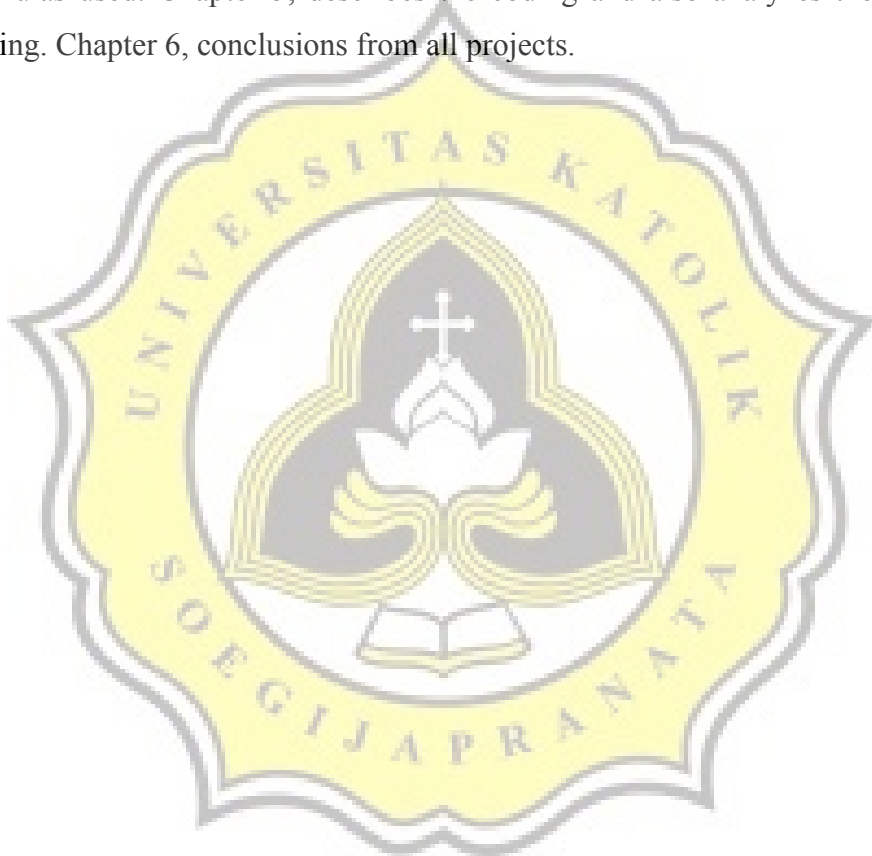
*The final result of this project is knowing how accurate the results of predictions are with actual data. Also displays a linear graph to see the results of prediction of inventory and analyze inventory.*

*Keyword: Linear Regression, Statistics, Export*



## **PREFACE**

In this report there are 6 sections of the chapter. Chapter 1, contains a background that contains the background of the problem, the solution that has been made, the limitations of the project and the final goal of the project. Chapter 2, discusses the journal used. Chapter 3, an explanation of obtaining data and mentioning the use of programming languages. Chapter 4, the sequence of formulas used. Chapter 5, describes the coding and also analyzes the results of coding. Chapter 6, conclusions from all projects.

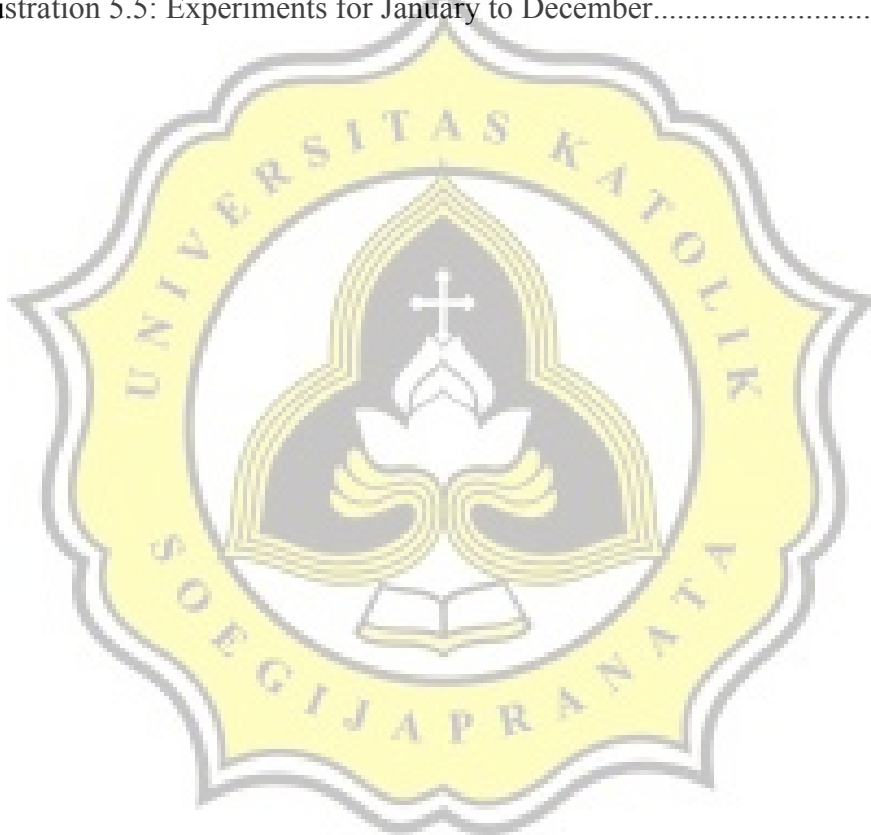


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