

**ANALYZING EXPENDITURE DATA OF PUBLIC PROCUREMENT USING
SPEND ANALYSIS
(A CASE STUDY: PEMERINTAH PROVINSI DKI JAKARTA)**

by

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STATEMENT BY THE AUTHOR

I hereby declare that this submission is my own work and to the best of my knowledge, it contains neither material previously published or written by another person, nor material which to a substantial extent has been accepted for the award of any other degree or diploma at any educational institution, except where due acknowledgement is made in the thesis.

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ABSTRACT

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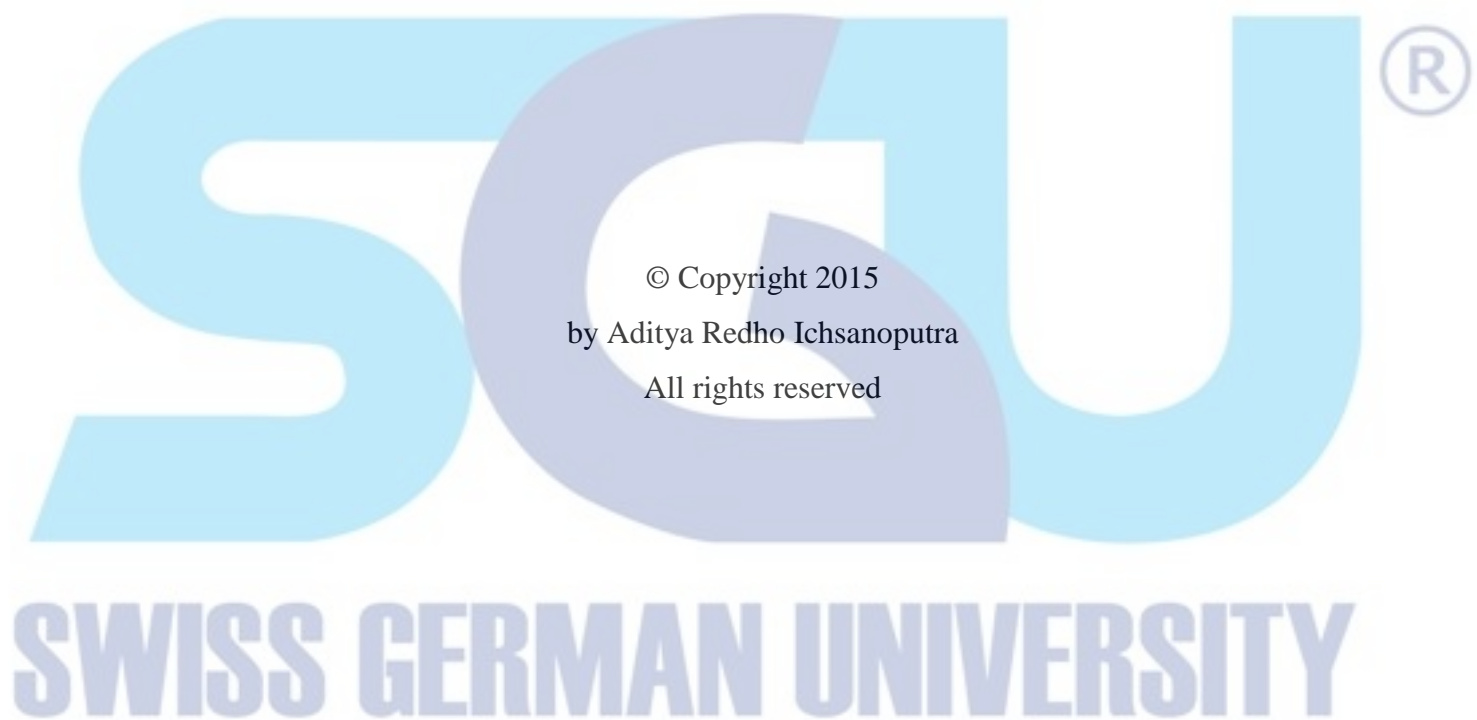
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Procurement is an essential element of good governance. It is at the heart of delivering public services and addressing several social goals. Public procurement is strongly related with key development issues such as economic growth, poverty reduction, and private sector development. *Pemerintah Provinsi DKI Jakarta*, as one of the government institutions has to deliver a great value of public services from their procurement activity. Through web crawling the expenditure data is acquired from the government e-procurement platform. Spend analysis is known as the best tool to provide a better picture of what goods and services that the government spends for. Data mining methodology is used to conduct spend analysis in order to gain the spending pattern and useful information from the huge amount of expenditure data sets. The result of spend analysis is useful for the government in terms of evaluating the procurement activity and future management decisions.

Keywords: Data Mining, Good Governance, Public Procurement, Spend Analysis



DEDICATION

I dedicate this thesis for my parents, my thesis advisor and co – advisor, my sister, and all my friends for their guide and support they gave to me.



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