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CSU330312 Software Engineering
Measuring Software Engineering Report

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Contents

Introduction

Software engineering is a notoriously difficult to track for time and productivity. Some engineers may be more efficient with some technologies and not others, and tasks may have varying difficulty making engineering activity and productivity particularly difficult to accurately and consistently track productivity. This report will discuss various ways engineering activity can be measured, appropriate data collected, and finally processed to accurately profile engineers. In addition, the moral, ethical, and legal consequences of these methods will be explored.

1 How to measure engineering activity

2 Connecting and performing Calculations on Activity Data sets

3 Computation to profile software engineers

4 Morality, Ethics, and Legality of Collecting and processing engineer measurement