

# Structured Abstract

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## Context

The dataset given is created from application checkpoint and system metric output from the production of a terapixel image. By analysing it we can have a better understanding of the server so that we can improve it in details in the future.

## Objective

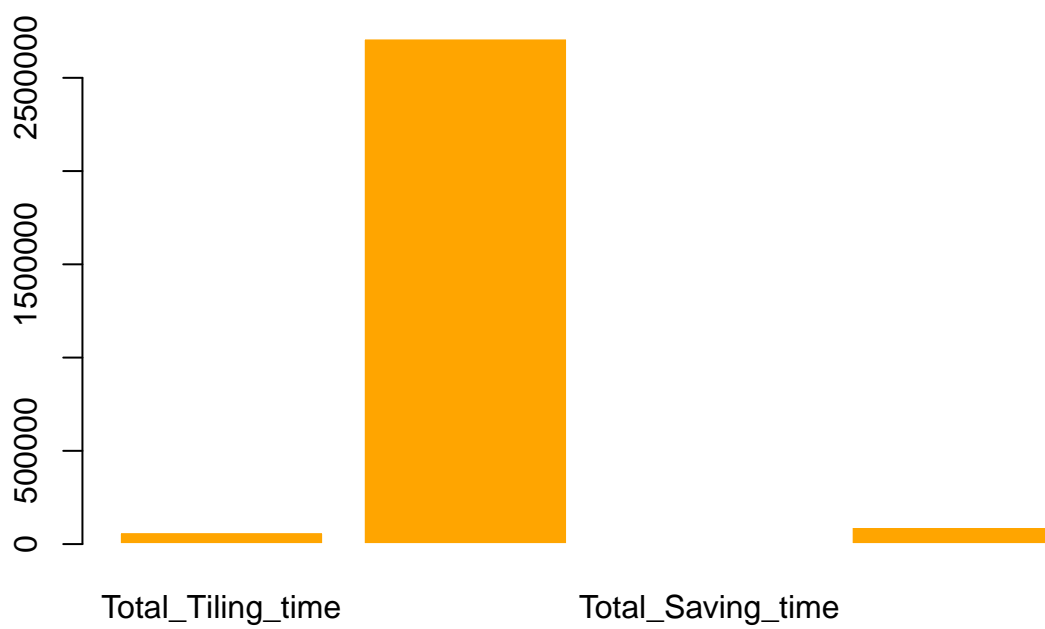
The project need us to analyse the data to evaluate the performance of Terapixel rendering in Cloud (Super)computing. In this project I studied the relationship between the various data and evaluated the performance and efficiency of each cpu.

## Method

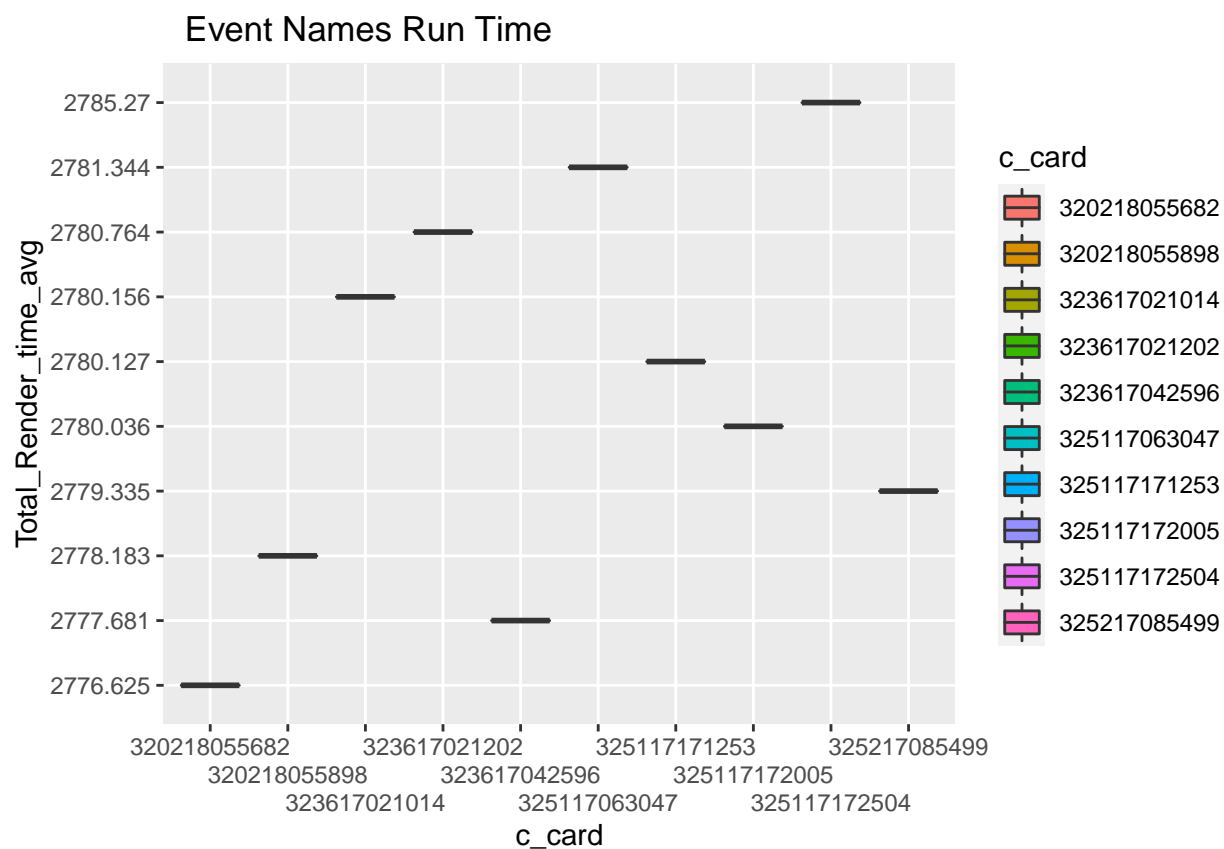
I focus entirely on the EDA process. I use R to clean, organize and analyze this data, use templates to ensure that the project can be reused, and use git for version control.

## Results

I managed to discover the connection between the sets of data, understand the relationship between efficiency and performance, and give a way to identify the efficiency of a particular gpu. For example, find the event dominates task runtimes.



And list the slowest GPU.



## Novelty

Unlike some of my previous predecessors' work results, I only focused on the EDA process. This may not be comprehensive, but it is possible to get a proper understanding of it.