

SCHOOL OF INFORMATION  
SYSTEM AND TECHNOLOGY

POLITEKNIK BRUNEI

DA4310 DATA SCIENCE

Dashboard Application

Lecturer’s Name

Norfarrah Muhd Masdi

Submitted by

Muhammad Syabil Na’aim bin Muhammad Salleh

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# Introduction

## Topic Introduction

IMDb, short for Internet Movie Database, is a growing online database that was initially created by fans in 1990 to compile a variety of information about movies, TV shows, podcasts, home videos, video games, and streaming content. It includes details about the cast, production crew, and personal biographies, as well as plot summaries, trivia, ratings, and reviews from both fans and critics. IMDb.com, Inc., a subsidiary of Amazon, has owned and operated it since 1998.

This report was created to make an analysis of the Top 1000 IMDb Movie dataset from a dataset that was found on Kaggle. This report on IMDb analysis will not only help our understanding of what makes a movie popular but also offer valuable insights to filmmakers and distributors.

## Problem Statement

* Identifying the factors that contribute to the success of a movie
* Understanding the audience's preferences and expectations
* How have Trends in film popularity evolved over time

## Aims

* Identify the most popular genres and subgenres

## Objectives

* Statistic of Movie genre release over the year
* Comparison on Movie certificate and Movie Rate
* What influence the Gross Movie? Rate? Vote?
* Which year had the most Movie release
* Which year Movie had the most Total Number of Vote
* Movie durations analysis
* Longest Movie
* Top Movie rating
* Which Director had the most movie?
* Director with the most revenue on movie production

## Application Overview

# Data Preparation

# Main Dashboard

Total 12 Visualizations

* 6 visualizations on Dashboard
* Other 6 add on report

# User Manual

Step by step guide

# Recommendations

2 Strengths

2 Weakness

# Conclusion

# Reference