SCHOOL OF COMPUTER SCIENCE AND ENGINEERING

SPACE EXPLORATION VISUALIZATION

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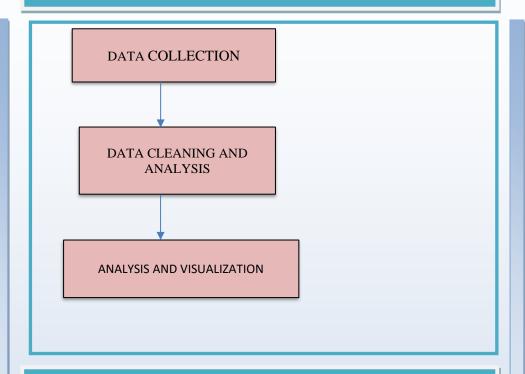
ABSTRACT

Space is one of the most fascinating and a field where technology is under constant development, to reduce the cost, increase the efficiency, range, and life expectancy. The dataset that we have collected has the main information of all the launches since the dawn of the space programmes all over the world (1957). This also has the When? where? And what? Of the rockets and the satellites launched.

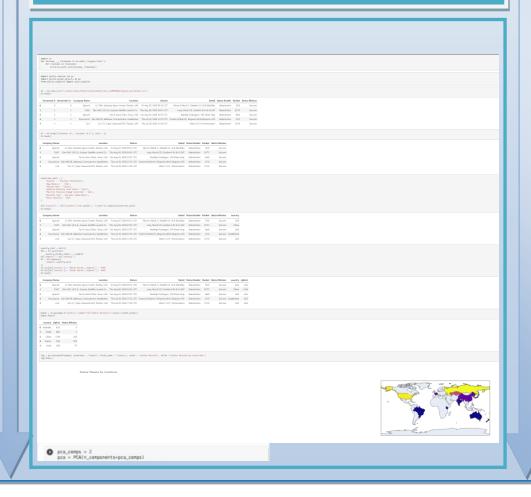
OBJECTIVES

The technological development in the space department has been the main factor or the development and the scaling of other industries more importantly entertainment, communication, and information industries. The satellites are also the main factor to determine natural disaster and catastrophes early and make early measures for prevention and aftermath of the event. To find the lead runner in the space department and to find the success rate of each organization, rocket, and to find the technological development of the rockets used by the organisations/country.

METHODOLOGY



EXPERIMENTAL CODE (SAMPLES)



REQUIREMENTS

- PYTHON 3.10.X
- MATPLOTLIB
- PANDAS
- PLOTLY
- SKLEARN
- SEABOARN
- CUFFLINKS

RESULTS

