

A description of the problem and a discussion of the background. (15 marks)

Introduction

Data analytics plays a major role in business and industries to reduce the investment and to increase the benefits. Data Science is playing a vital role in analytics to uncover the solutions in business. The machine learning algorithms automated the analytical process as the data grows. The big data repositories are analysed to bring solution to existing problems also data science has brought in new business environments for the online platforms. The individuals even can use the analytical reports published online. This way people are analysing the trends in stock market, weather conditions, people habits that enables a profit for business. As data science provides cool solutions in various aspects people started depending on analytics unknowing from rating a zomato order to buying a top branded shoes. Take this as an opportunity, we explore the tech park location Chennai, Tamilnadu, India, to enable buyers to invest in proper location to multiple their investments in few years

description of the problem

The Chennai city is also one among the silicon cities, that accommodate above 4000 IT companies and above 4 million IT sector employees [Wikipedia]. Many of the employees are from other states and cities. The next largest business is real estate both rental and selling. The regions near the IT parks are of highly sought after for the residential purpose to minimize the transportation to work place. Large investors can easily explore in the developed regions. The small investor who want to invest in the right place for residential or commercial lands to multiple their investment cannot afford places in developed regions, they can invest in the developing areas where the IT parks are planned or under construction in the city.

This project is to support those investors big or small to make a decision on where to buy a land in Chennai for huge rental income or high resale value. So the analytics produce results region wise density of the IT industry and status wise whether it is completed or under construction or stated for future investments.