

IBM – Coursera

Data Science Specialization

Capstone project - Introduction

CLUSTERING OF DISTRICTS IN GUJARAT FOR REAL ESTATE INVESTMENTS BY ABC GROUP

Shivam Awasthi – 2020

INTRODUCTION

ABC Group is a multinational real estate Company which deals in building residential Societies in operating Countries. They are mainly focused in developing countries where the investments are cheaper compared to developed countries and the ROI is higher in the long run. They are looking for strategic investments in India where they can either buy properties or lands based on their analysis or construct residential societies in suitable cities. Their residential societies are fully luxurious and apt for upper middle class families or working professionals.

The Gujarat Government, as part of their flagship program which aims at attracting foreign investments to their state, has invited ABC group to invest in Gujarat. The Government has offered to assure full support and help them establish as a real estate brand in Gujarat.

- I. Problem Definition: ABC Group wants to cluster the districts of Gujarat based on the urban development and population growth so as to strategically decide on investing in Real estate.

The company wants to know which cities are highly developed with urban centres and growing population and which cities have the potential to grow in the long term. This is needed to decide on the type of real estate investment to be made in these cities.