

An aerial photograph of Jeddah, Saudi Arabia, showing a dense urban landscape with numerous high-rise buildings and skyscrapers. A prominent feature is a large, curved waterway or canal that winds through the city, bordered by modern infrastructure and parking areas. The foreground shows a multi-lane highway with traffic. The background reveals a vast cityscape extending to the horizon under a clear sky.

Housing Sale Prices and Venues Data Analysis of Jeddah City

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Introduction

1.1 Background

Jeddah is second largest city of Saudi Arabia with 3.5 million people and growth rate of 3.5% per annum. Jeddah population represents 14% of the country population. The City is an economical hub with a seaport and spread over 1762 square km. The population density of Jeddah is 2.5 km.

The city of Jeddah is located on the west coast of the Kingdom (latitude 29.21 north & longitude 39.7 east), in the middle of the eastern shore of the Red Sea south of the Tropic of Cancer. To the east are the plains of Tihama, which are considered the low heights of the Hijaz region. To the west along the beach there are parallel chains of coral reefs.

Jeddah has grown during the last two decades of the 20th Century, which made the city a center for money and business in the Kingdom of Saudi Arabia and a major and important port for exporting non-oil related goods as well as importing domestic needs.

There are 140 districts in the city. Each district consists of commercial and residential venues.

Here I want to develop a system that will help investors and residents for selecting an area for investments.

1.2 Problem

The city with high populations and 140 districts, investors and shop owners need a system that will help them to select a suitable place for their next store having low real state values and more business activities. As there is not such information available at any platform to guide the investors for a better and effective decision making.

we will map an information chart where the real estate index is placed on the city and each district is clustered according to the venue density.

1.3 Interest

The system has a great demand from fast food chain restaurants, saloons, beauty parlors and service centers. This project will be very helpful for them in their next move of opening a new business unit.

References

1. <https://www.jeddah.gov.sa/>
2. [Jeddah - Wikipedia](#)
3. Google maps