




Adult Education Student



Why choosing this topic?

This topic was chosen to know the expected numbers for the coming years and in the light of which strategies are made to prepare in a wonderful way. 





Dataset Selection

The data was selected from the official website of the Saudi Ministry of Education. It is a database built from real data and contains more than 21 columns and about 50,000 rows.



Data Cleaning

Since the data is from an official source, the data was previously clean, but it was confirmed that some tests were done to verify.



Choose the columns to be studied


According to the project, the following columns will be selected:

- The type of school, from which we choose adult education only.
- Education administration area, from which we choose all or specify the administration to be studied.
- the year.
- Total students.




View data after cleaning it

- Make a count of the actual number of rows.
- Show some basic graphs.



Determine the final form of the data before studying it

We compile the total number of adult education students for each year from 2014 to 2021.





Modeling

Linear regression was used in this project for training and testing data