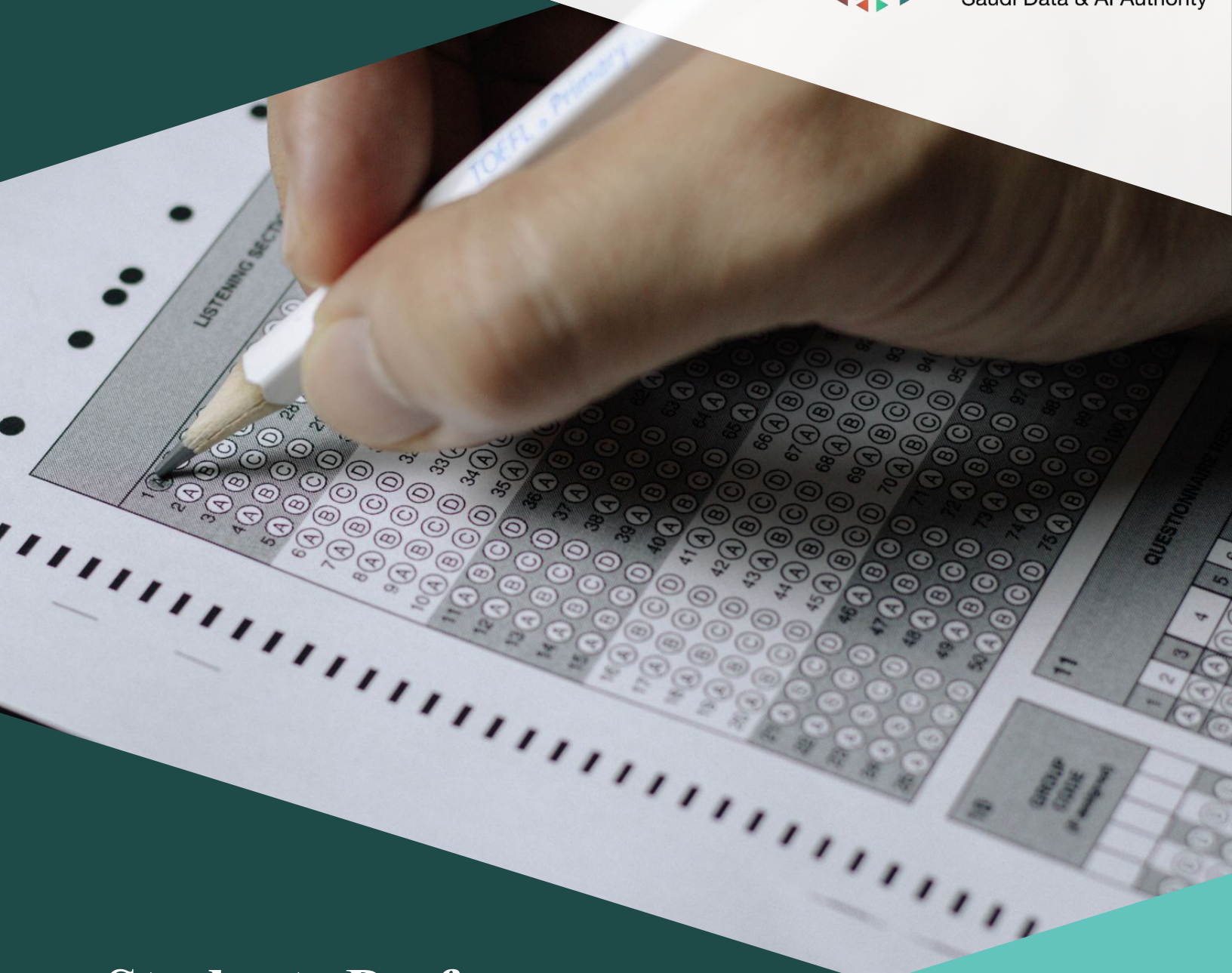




SDAIA

الهيئة السعودية للبيانات
والذكاء الاصطناعي
Saudi Data & AI Authority



Students Performance in General Aptitude Test

Project Proposal

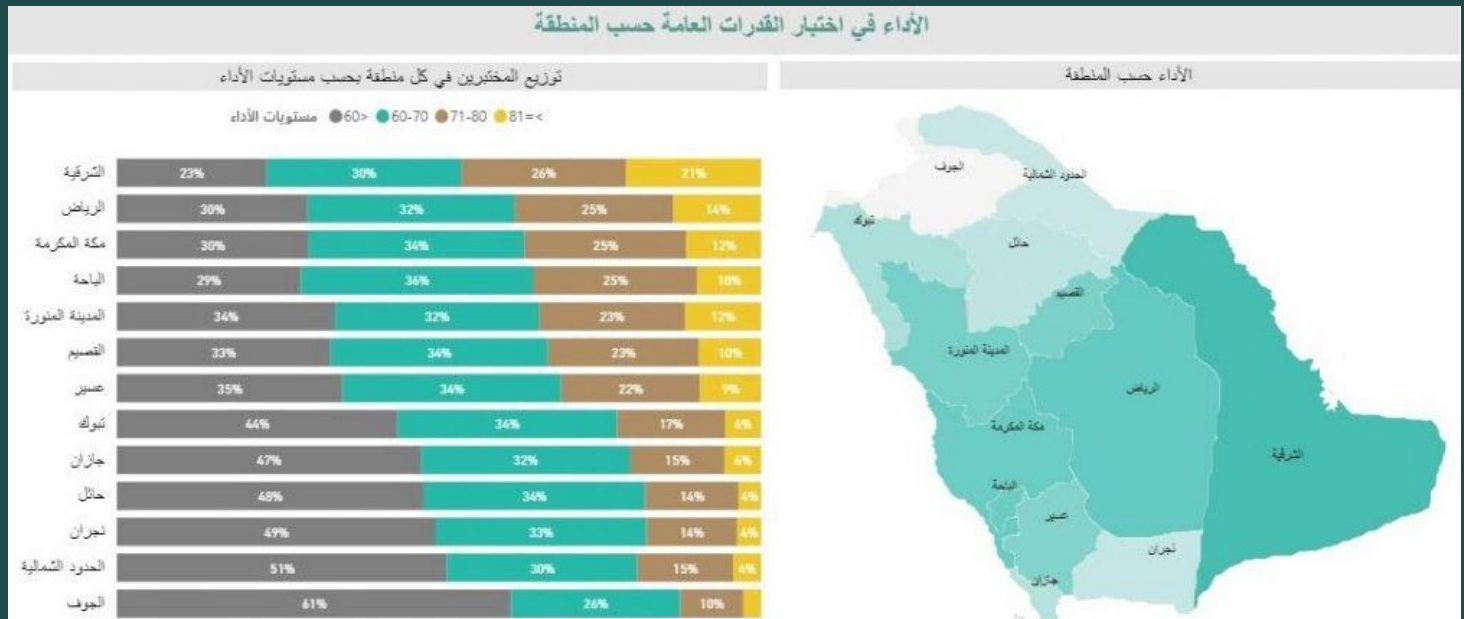
Done by: Maitha Alqahtani

Submit to: Mr.Ali El-kassas

Project Goal:

01

The aim of this project is to explore why Eastern Province students have achieved the highest performance in the General Aptitude Test for several years at the level of the regions of the Kingdom of Saudi Arabia.



Project question:

1. Is there a correlation between the level of students' performance and the economic status of the family?
2. Is there a correlation between the level of students' performance and the cultural and entertainment status of the family?
3. Is there a correlation between the level of students' performance and the educational situation level?

datasets:



Ministry of
Education



General Authority of
Statistics



Education and
Training Evaluation
Commission

Schools Dataset

This dataset contains an 4 sheets(students ,teachers,schools,classroom s). Data consists of total 14236 rows and 20 columns.

Monthly Income

This dataset contains an 50 sheets.for Monthly income and spending Data for regions of the Kingdom of Saudi Arabia.

Students Registration

This dataset contains the number of students registered for the General Aptitude Test in Saudi Arabia.

Project tools:

1. The libraries used to build the model are: numpy, pandas, matplotlib,seaborn.
2. SQL database and querying

Reference:

https://etec.gov.sa/ar/Pages/_default.aspx

<https://www.stats.gov.sa>

<https://moe.gov.sa/ar/pages/default.aspx>