

Team Members

Name	Email
Zeinab El Sayed Khalil Abdo	zeinabelsayed200@gmail.com
Rania Mohamed Hassan Mahmoud	raniamohamedhassan@hotmail.com
Eslam Saber Mohamed Hassan	eslamelshenawy126@gmail.com
Mohamed Hamza Ali Mostafa	Hamzawy919@gmail.com
Mohamed Ayman Mohamed Nada	Mohamedaymnn308@gmail.com
Ahmed Abd El Rahman Mahmoud Hanafy	Ahmedabdelrahman19870621@gmail.com

Project Name

Egyptian Labor Market Analytics

Project Idea

The project aims to analyze the outcomes of different educational and training programs and assess how they align with labor market needs. It focuses on identifying gaps between the skills required by employers and the skills currently supplied by the workforce through formal education, vocational training, and non-formal programs.

Key Questions:

- 1- What are the educational attainment levels of individuals in the labor force?
- 2- How do education levels and types (formal, vocational, non-formal) impact income levels and employment status?
- 3- Which technical and soft skills are most demanded by employers, and to what extent are these skills covered by current educational programs?
- 4- What is the scale of the gap between job requirements and existing labor supply?
- 5- How do these gaps influence social and economic outcomes, such as job stability, career progression, and household welfare?

Teams Responsibility

- Eslam Saber Mohamed Hassan - Mohamed Ayman Mohamed Nada => Data Cleaning.
- Mohamed Hamza Ali Mostafa - Ahmed Abd El Rahman Mahmoud Hanafy = > Statistics.
- Zeinab El Sayed Khalil Abdo - Rania Mohamed Hassan Mahmoud => Visualization.

Project Plan

- Data cleaning & preprocessing using Excel, SQL and Python.
- Statistics using Excel.
- Visualization using Tableau, Excel and Power-Bi.