



# SDAIA

الهيئة السعودية للبيانات  
والذكاء الاصطناعي  
Saudi Data & AI Authority

- **Problem statement**

- Helping smart cities explore and predict how AI will shape their future.  
Since face ID or facial recognition is considered the first step in building smart cities, we are still struggling with ID cards and fingerprints. Replacing them with facial recognition systems is a huge leap forward.  
Dealing with Face ID is a more accurate and effective method.  
Modern mobile phones now started with this idea, and dealing with facial recognition will lead us in the future to make everything around us using the facial recognition system as the key to everything like open gates, attendance registration, identity verification and other services.

- **Data Description**

- Columns:  
  
Data size 1000 picture

- **Tools**

- Python, Jupyter Notebook.
- Libraries: NumPy, Keras, Tensorflow, Seaborn, Matplot, Sci-Kit Learn