وزارة التعليم العالي

جامعة غــــريان

كلية تقـــنية المعلومات

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دراسة بعنوان: دراسة درجات الحرارة لعشرين سنة مضت .

FIRST STAGE:ACCRUING DATA

DATA SOURCE:

* [http://www.meteorology.com.au/](https://l.facebook.com/l.php?u=http%3A%2F%2Fwww.meteorology.com.au%2F%3Ffbclid%3DIwAR1D5dTSnLSgPxVneL03KZepul_ec73331ixHnCWV3Q_o-PPmy8o_Y5ijpA&h=AT2ugnAykP0NIoEPLMEU5lDWxUi3SXxciYW9_Mi27vDJOvgU1dkblJ9EHQob03jnqBfqG4FEs6-dJ1aOy4b0jIgcYoplTOV_Q8yTyHFDzEqkaDseF0wui4qBq9-SaM4W_Il28A)
* <https://rapidapi.com/weatherbit/api/weather>
* <https://m.weatheravenue.com/en/africa/ly/benghazi/as-saq-abi-weather.html>
* [https://www.worldweatheronline.com/garian-weather/gharyan/ly.aspx](https://l.facebook.com/l.php?u=https%3A%2F%2Fwww.worldweatheronline.com%2Fgarian-weather%2Fgharyan%2Fly.aspx%3Ffbclid%3DIwAR0xgiiIdfm9oPs1CgyGROfkp7Ch8lu_cVohsm_dS9WSGPGdzary9gyayjQ&h=AT25kg8aDoREMBXyXJhHi5ltcE98xaG4f5W4mBySQHIv0jYpomuQuo4eDauBLwLgUD2h-Rre-c9fSTU9q0d2MKMn6W1pXtQoNyD728OXqQxctG5MNiA_6gLU9SjXDwQyAPh-6g)

SECOND STAGE PRE PROCESSING:

WE USE GROUP LIBRARY:

PYTHON PIP.

REQUESTS LIBRARY.

PANDAS.

JSON.

BEAUTIFULSOUP4 LIBRARY.

VS CODE.

The Third Stage is Data Mining:

data mining

The process of analyzing data from API to weather various perspectives and summarizing it into useful information that can be used to increase revenue and reduce costs (or both).

Data mining software is a data analysis tool that allows data to be analyzed from different dimensions and angles and then classified.

We have collected data for the city of gharyan based on the longitude and latitude of the city to obtain a result

Fourth Stage Results:

The image shows the average temperature changes over the past twenty years

