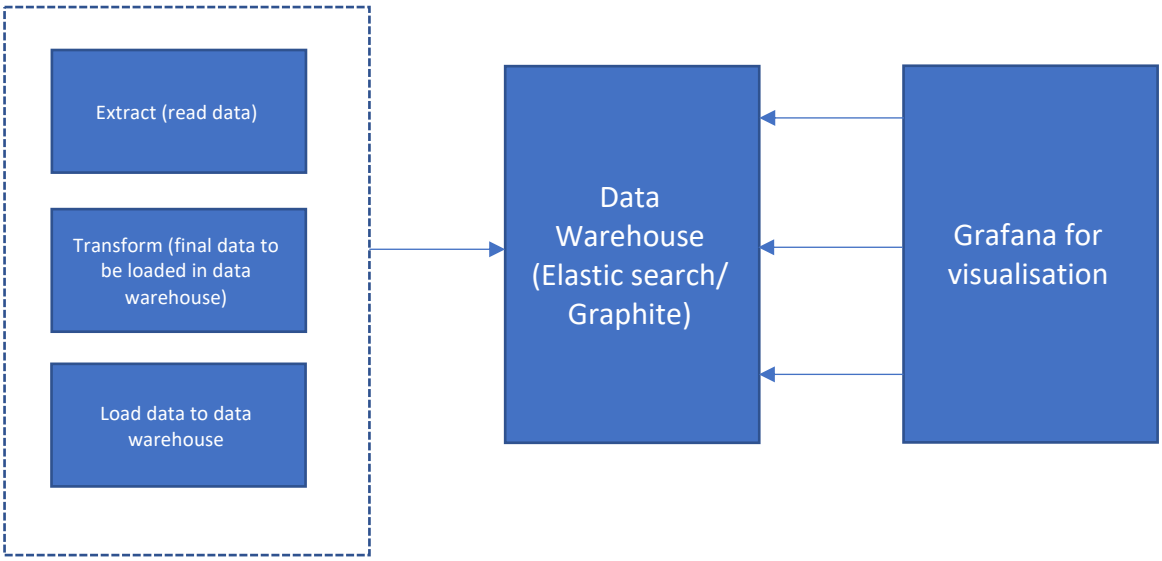

For loading data to data warehouse:

Read the input data ()
Use_the_tranform_function_to_tranform_the_read_data()
Call_the_load_function_to_push_data_to_data_warehouse()
Error_handling()

For Visualisation:

Connect grafana to data warehouse()
Write_sql_query_to_get_the_data()
Create the graph in Grafana for visualization()

```
Pseudo_code(reading and transformation):

input_path = args[1]
temp_output_path = args[2]

read_data = pd.read_csv('input_path')

read_data.filter(rssi_percs_25 between (-85 and -65))

transform_data_to_get_aaverage_tx_and_rx_value_across_rssi_percs_25

transformed_data.to_csv('temp_output_path')
```

```
Pseudo_code(load data to ES):

input_path = args[1]
es_settings = args[2]
index_name = args[3]
index_mapping = args[4]
alias_name = args[5]

read_data = pd.read_csv('input_path')

create_index_on_ES(es_settings, index_name,index_mapping)

#push data on es
read_data.write.option(es_settings).mode("overwrite").save(index_name + '/doc')

#add alias to index
add_alias(index_name,alias_name)
```