

A repository containing PDF report, text files. Subject: Analysis Of Algorithm.

This repository contains Python scripts for measuring the execution time of the Insertion Sort algorithm and plotting its performance. Files: `insertion_sort.py`: Implements the Insertion Sort algorithm and measures execution time.

`plot_graph.py`: Plots a graph of input size vs. execution time

HOW TO RUN?

Install Python and dependencies: `pip install matplotlib`

Run `insertion_sort.py` to measure execution time: `python insertion_sort.py`

Run `plot_graph.py` to generate and display the graph: `python plot_graph.py`