Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

08

LIST OF TASKS

|  |  |
| --- | --- |
| TASK NO | OBJECTIVE |
| 1 | **Using python implement KNN with two different splitting ratios and two different k values (i.e k=3 and k=7) on Heart Attack Analysis & prediction dataset to predict the chances of heart failure in a person and performed the following steps:**  * **Data Pre-processing step** * **Fitting KNN to the Training set** * **Predicting the test result** * **Test accuracy of the result(Creation of Confusion matrix)** * **Visualizing the test set result.**   **Compare the performance** |
|  |  |

# **Task # 1: Using python implement KNN with two different splitting ratios and two different k values (i.e k=3 and k=7) on Heart Attack Analysis & prediction dataset to predict the chances of heart failure in a person and performed the following steps:**

* **Data Pre-processing step**
* **Fitting KNN to the Training set**
* **Predicting the test result**
* **Test accuracy of the result(Creation of Confusion matrix)**
* **Visualizing the test set result.**
* **Compare the performance**





A screenshot of a computer

Description automatically generated with low confidence