**Gender Recognition using Various Machine Learning Algorithms**

**SYED REHAN ZAKIR**

**INXOL TECHNOLOGIES**

**Preprocessing Steps**

1. **Resizing.**
2. **Normalization.**
3. **Label Encoding.**
4. **Random Permutation.**

**Algorithm Performance and Analysis:**

The accuracy results for the gender classification task using different machine learning algorithms are as follows:

* Nearest Neighbors (k-NN): 76%
* Decision Tree: 63%