

## **Lab Assignment** **(Decision Tree)**

**Assignment:** Implement decision tree ID3, C4.5 and CART algorithms for the given dataset for Car Evaluation Database

**Attribute Information:**

6 input attributes: buying, maint, doors, persons, lug boot, safety

**Values of each attribute are:**

Buying: vhigh, high, med, low.

Maint: vhigh, high, med, low.

Doors: 2, 3, 4, 5more.

Persons: 2, 4, more.

Lug boot: small, med, big.

Safety: low, med, high.

**Class Labels:** unacc, acc, good, vgood