## **Machine Learning**

## Assignment No. 1



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PNOI

O condidate elimention method

Si = ¿Japan, Honda, Blue, 1980, Economy? Sz = ¿ Japan, Honda, Blue, 1980, Economy? So = ¿Japan, ?, Blue, ?, Economy?

St= < Japan, ?, Blue, ?, Economy> St= < Japan ?, ?, ? Economy>

Grand Caralla 22 1222 1990176 Fox

Gt= { L?? blue ??7, L??? 1990? 7, LJqpan

7.3? Economy>

4227 1980 7 - 42222 Economy?

7555 1880 52 75555 Economy

C72=CUSA, 7???? Cherry???? L?? blue?????

Col= 55 155 5 5

QNO2 First (S) Algoritham Data in vertor foom LFace Hair Eye Nose Output Circle Yes Circle Triangle Pink Leppy Square Square Square Green Sad Circle Yes Square Triangle Yellow Happy Circle No Circle Triangle Green Sad Circle Yes Square Square Yellow Happy let ho = Φ, Φ, Φ, Φ, Φ > Mizhirde, Yes, Circle, Triongle, Pinks hz= Leiscle, Yes, ? Triagle,? 7 h3 = Lcircle, Yes, ?, ?, ?, ? > So by is the most specific hypothesis.