**Homework – 2**

**IS670 Machine Learning for business analytics**

**Krishnavyas Desugari  
032202519**

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1)

1. A. **Please build a decision tree to predict whether a customer will buy an iPhone. If we have customer who is a student and with poor credit rating, will this person buy iphone? What is the confidence?**

**Explain each step and show all relevant computations**

**A notebook with math equations and formulas

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The confidence of student with poor credit card buying an iPhone is 60%.

b)

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2)

a.

A screenshot of a computer program

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b.

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c.

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