**Working on your Coursework**

**How to think about it?**

**Notes by: Prof Rami Qahwaji**

Questions that you should aim to answer:

1. What is the nature of the problem?

2. What are the data (format, input/output, size, etc)

3. Did anyone work on it  before (do a brief literature survey!)?

4. Start developing initial solutions (ML techniques to use). Always discuss the logic behind your design

5. Think about the evaluation of your solution (use Jackknife /Cross Validation technique)

6. Do you need to modify your solution based on evaluation outcomes?

7. Discuss findings highlighting advantages and disadvantages of your solution

8. In the conclusions write down what did you learn from doing this work?

9. In the future work section introduce a plan for tackling the limitations of your solution