IFN619- Data Analytics for Business Professionals

Workshop 2:

How to Analyse a Case Study

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The goal of data analytics is given a business concern, augment human intelligence with data and analytics.
 It is about converting data in a meaningful way so you can Intelligence



make a decision.

 Data is a valuable resource that organizations should learn to extract and use to get additional information in order to make better decisions.



 Data is the "new economic currency". Who has more, has the opportunity to gain market advantage



Data

+

Information

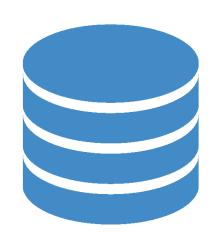
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Better Decisions



Data + Information = Better Decisions

- When you have lots of data, what is the use of that?
- How do you use the information?
- What does the information mean?



 The more data you collect, the more difficult it is for a human to get some understanding about it



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DATA WRANGLING

(making data more interpretable.

Topic of next workshop)





 A case study helps the students learn by immersing them in a real world business scenario where they act as problem solvers and decisionmakers.

How to Analyse a Case Study

 A case study must not merely summarize the case. It should identify key features and key problems. And also outline and assess alternative courses of action to deal with the problem you identify.

1. Problem Discovery

2. Identify Methods

3. Identify Findings

4. Analyse the Case

1. Problem Discovery

1. Problem Discovery

- What is the business question?
- What is the context surrounding the question?
- Why is the answer relevant for the context?
- What opportunities emerge by addressing this question (business, social, technological)?
- Is the answer answerable and feasible?

2. Identify Methods

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- What methods were applied?
- What variables is the method going to deal with?
- Were the methods appropriate to address the question?
- Was the study well conducted?

3. Identify Findings

3. Identify Findings

- What were the findings?
- Are the findings statistically significant?
- How are the findings linked with methods?
- Are there potential issues with these findings?

4. Analyse the Case



4. Analyse the Case

- What kind of analysis was made (business, social, technological)?
- Does the analysis answer the business question
- Were there any risks with the approach that was taken?
- Would you follow an alternative analysis to answer the question? Why?

