



BUSINESS INTELLIGENCE

ASSIGNMENT I GUIDANCE

CHOOSING DATA SETS

- Has several numeric columns
- Interesting categorical columns, including both nominal and ordinal data
- Unclean data:
 - Missing values
 - Inconsistent values
 - Outliers

TASK I

- Research the business processes based on the datasets you choose
- Draw activity diagrams to illustrate business processes. Has explanation / description for each one.
- Draw activity diagrams to illustrate decision making process.
- List the types of data (unstructured, semi-structured or structured) generated by these processes with examples. You can also show data in activity diagrams
- List software used in business process and evaluate their usages (advantages, disadvantages)

TASK 2

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- Short introduction of 3 types of decision making levels (operational, tactical and strategic)
- List examples of decisions need to make for each level in the company
- With each example of decisions, explain which features of BI can help to make decision and tools / techniques to do that. If there are more than one solutions, compare them