

## ISYS114 Study Notes

### Good data is:

- Related to business, non technical, characteristics
- Meaningful and self documenting
- Unique, readable and repeatable
- Written in standard syntax

Guidelines for good data: concise description of data meaning, accompanied by diagrams, gathered by system requirements.

### Data Definitions

Term: word with specific meaning

Fact: association between two or more terms

## **E-R Model Constructs**

### Entities

Entity instance: corresponds to a row in a table (place, object, event).

Entity Type: collection of entities (often corresponds with a table).

### Relationships

Relationship instance: link between entities such as primary key-foreign key in related tables.

Relationship type: category of relationship link between entity types.

### Attributes

Characteristics of an entity or relationship type (often corresponds to a field in a table).

