Working with Data
A Workshop on Understanding, Visualising and Mapping Data
Chennai, 3-5 August 2012

First day
3rd August 2012

1. What is data?	[10:30-11:15]
2. What are data formats?	[11:30-12:15]
3. Presentation by Prajnya	[12:30-13:00]
4. What can be done with data?	[14:00-14:45]
5. Working with quantitative data	[15:00-15:45]
6. Working with spatial data	[16:00-16:45]

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Data Formats and Files

- Collection of information.

- Way of encoding information.

- Protocols and standards.

- Proprietary – DWG, RAR, WMA, GRD.

- Open - JPEG, GZIP, OGG, GeoJSON.

- Identified using extensions.

- File Systems.

Databases

- Structured collection of records.
- Organized to a model.
- Navigational, Relational, Non-relational.
- Entities, Relationships.
- Structure, Query languages, Workflow.
- Performance, Independence, Access control.
- Indexes
- DBMS