Cloud Intelligence Workshop

Cloud Intelligence –
Challenges for Research and Industry

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Fusion Cubes – Towards Self-Service BI

- **Internal data** are not enough
- **New data** must be
  - Discovered
  - Selected
  - Acquired
  - Integrated
  - Presented

- This can enable **self-service BI**, for business and private users.
The Self-Service BI process

From [A. Abello et al., Fusion Cubes – Towards Self Service Business Intelligence, *IJDWM* 9(2), 2013]
Fusion Cube Architecture

From [A. Abello et al., Fusion Cubes – Towards Self Service Business Intelligence, *IJDM* 9(2), 2013]
## Objectives
- Cross analyze private and external data
- Share analysis results

## Constraints
- Easy to use
- Low cost
Personal intelligence Howto

Very simple ETL

Automatic multidimensional modeling

Easy OLAP
Personal intelligence Issues

User experience
Let’s chat!

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Cloud-I 2013 Panel