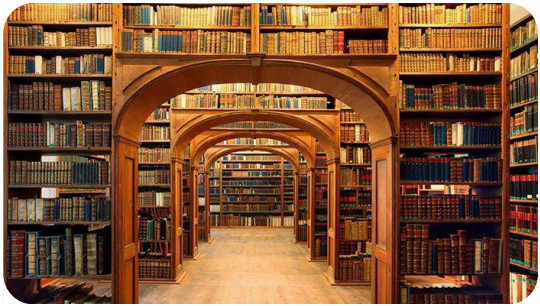
PictsManager

Kick-off

T8 - Application Development

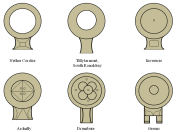
T-DEV-800

Working with pictures

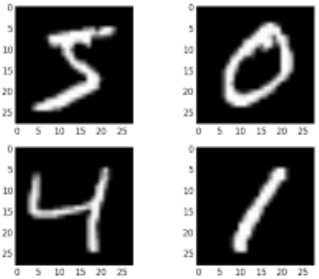


Huge amount of Data,
most of it is not relevant.

Plus people like to share them,
which implies many challenges…



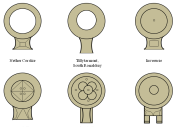
Data compression



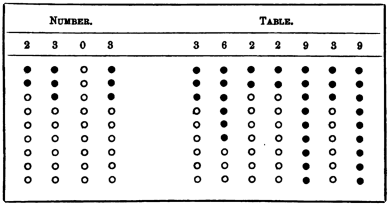
Pixel by pixel storage may be inefficient.

Machine learning algorithms can help for:

- reducing the number of colors,
- factorizing storage.



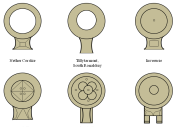
Building a database



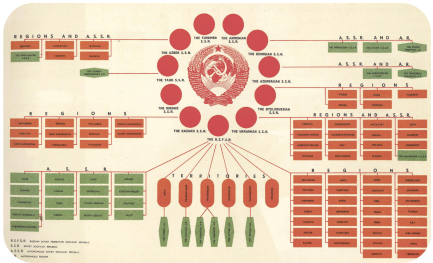
Choosing a storage system involves many parameters.

Some systems make research very efficient,
other are good at aggregating data sources.

Select the system that minimizes complexity.



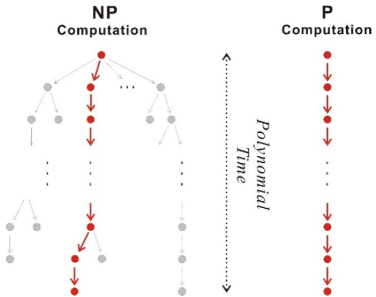
Roles and permissions



As far as resources are concerned, unnecessary duplication is a plague.

A system based on views could avoid this, but requires handling of permissions.

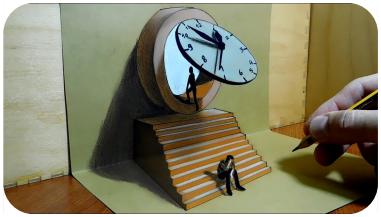
Complexity assessment



Depending on chosen algorithm,
queries can be efficient or exhaustive.

Focus on complexity rather than implementation.

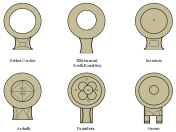
Back to the project



Implement a data gallery with functionalities.

Delegate as much effort as possible to your back.

Consider security, space and time efficiency as a whole.



Any questions

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