# PictsManager

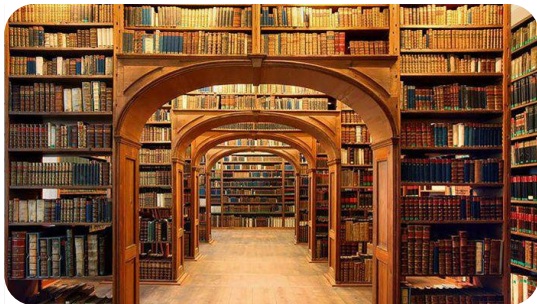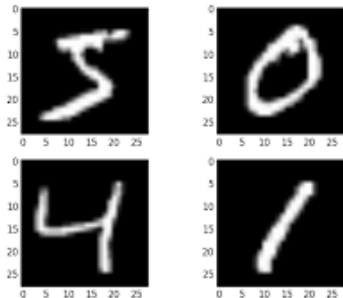## Kick-off

## T7 - 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…

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14.3 %

# Data compression



Pixel by pixel storage may be inefficient.

Machine learning algorithms can help for:

- reducing the number of colors,
- factorizing storage.

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28.6 %

# Building a database

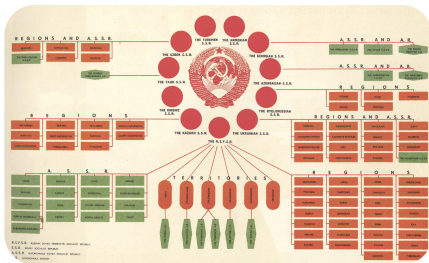| NUMBER. | | | | TABLE. | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 3 | 0 | 8 | 3 | 6 | 2 | 2 | 9 | 8 | 9 |

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.
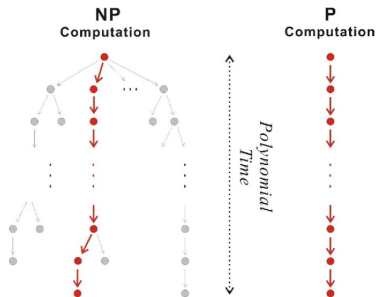
# Roles and permissions



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

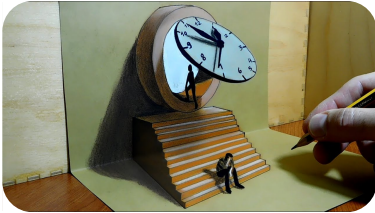A system based on views could avoid this, but requires handling of permissions.

# Complexity assessment



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

Focus on complexity rather than implementation.

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71.4 %

# 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.

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85.7 %

# Any questions

?

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100 %