

## Learning Objective

Write down an specific learning objective.  
"Improve abstract writing "



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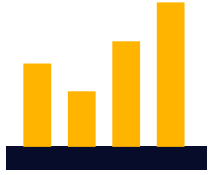


## Learning Objective

Write down an specific learning objective.  
"Improve abstract writing "



## Descriptive



A global summary on the data used to create a historical view on the data

## Predictive



Used for making the prediction of future values and identifying unknown events.

## Diagnostic



It uses methods such as correlations for the interpretation of factors that contributed to the outcome.

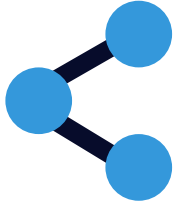
## Prescriptive



It consists of the application of a predictive model to determine the best solution or outcome among various choices,

## Social Networks

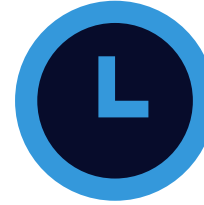
Resource



Facebook, Twitter, Snapchat,  
Line, Instagram, Slack

## Browser History

Resource



Chrome, Opera, Firefox,  
Edge, Internet Explorer,  
Netscape,

## Blogging Activity

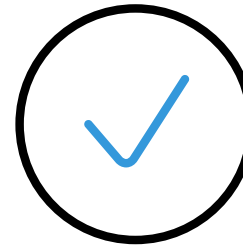
Resource



Writing, posting and sharing  
on wordpress, blogger or  
medium.

## Review System

Resource



Grades, comments and  
reviews from the UTS Review  
system.

## Dashboard

Resource



An arrangement of multiple charts and resources delivered as a computer system.

## Timeline

Resource



A chart that depicts how resources are used over time.

## Report

Resource



A collection of data summarized as a document and delivered via online or print.

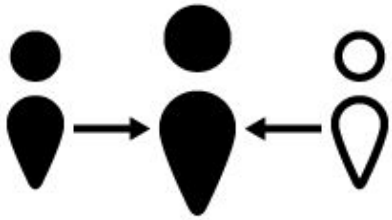
## Table

Resource



A simple table used to organize information delivered as an object in the system or printed in a report.

**Shared Publicly**



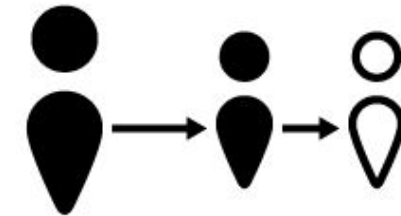
**Shared Specific People**



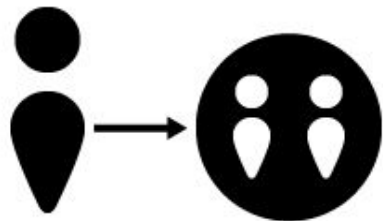
**Private**



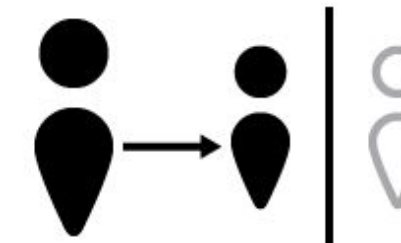
**Shared Extended Network**

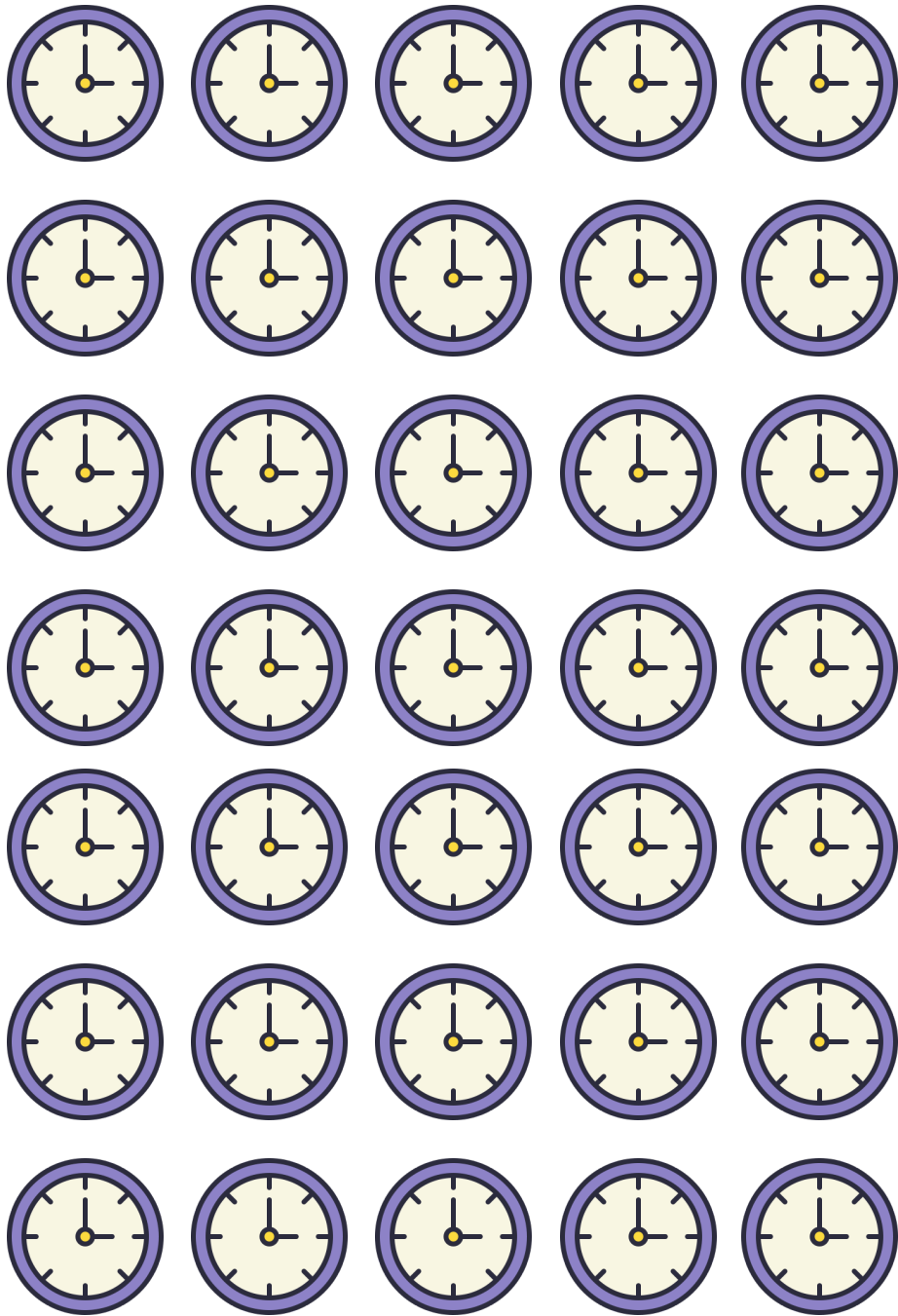


**Shared Group**

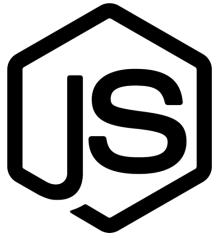


**Shared Friends**





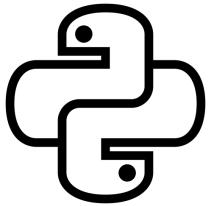
Javascript



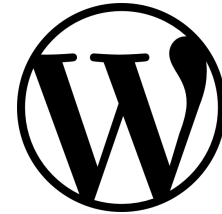
PHP



Python



Wordpress



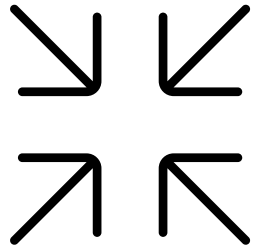
MySQL



Java



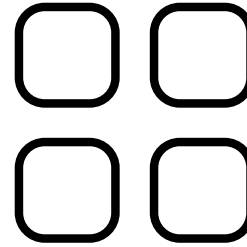
## Individual



Target specific people to participate as users.

Resource

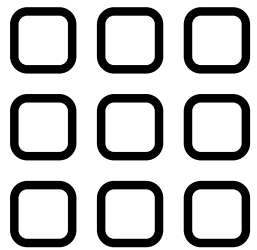
## Groups



Target specific groups to participate as users.

Resource

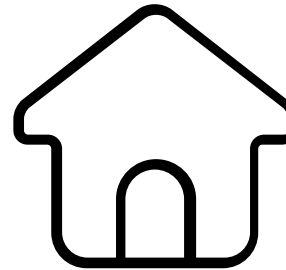
## Classroom



Select a classroom to deploy the first prototype.

Resource

## Faculty



Make the prototype available for the whole faculty.

Resource



## Conversations

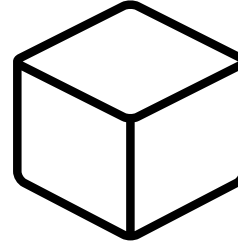
Resource



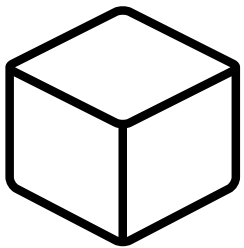
Reply, send and chat between users.

## New Resource

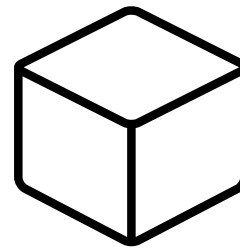
Resource



## New Resource

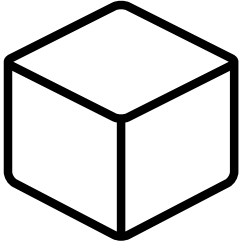


## New Resource



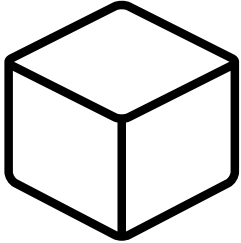
**New Resource**

Resource



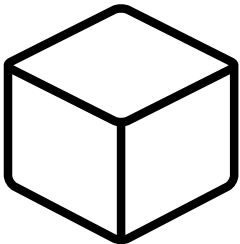
**New Resource**

Resource



**New Resource**

Resource



**Other**

**Other**

# Context

Learning  
Context

# Strategy

Data source

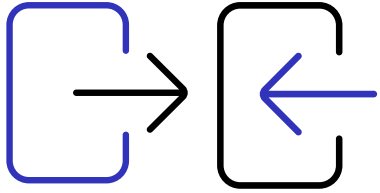
# Action

Design  
Output

Dev power

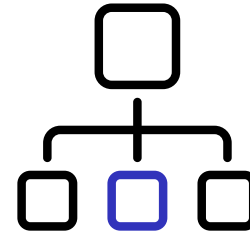
Evaluation

## A/B testing



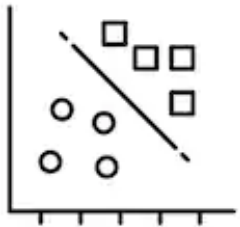
An assessment tool for identifying which version of a webpage or an app helps an organization or individual meet a business goal more effectively.

## Classification Tree



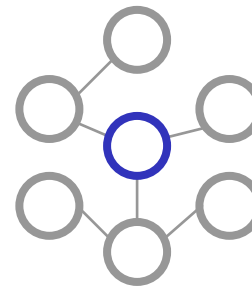
Structural mapping of binary decisions that lead to a decision about the class (interpretation) of an object.

## Cluster Analysis



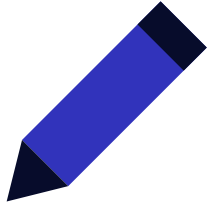
Splits a diverse group into smaller groups of similar objects

## Neural Networks



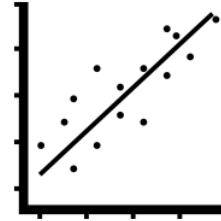
Non-linear predictive models that learn through training and resemble biological neural networks in structure.

## Text Analysis



Structure, Writing moves or AWA (Academic Writing Analytics).

## Regression Analysis



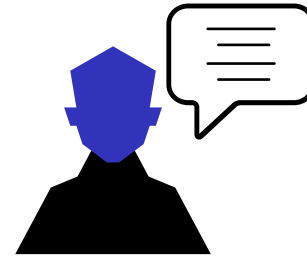
Uses computer algorithms to analyze human (natural) language.

## Spatial Analysis



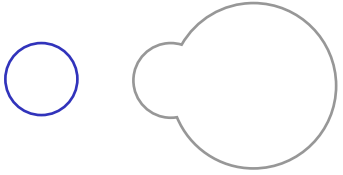
The process of examining the locations, attributes, and relationships of features in spatial data through overlay and other analytical techniques

## NLP



Natural Language Processing uses computer algorithms to analyze human (natural) language.

## Association Rule



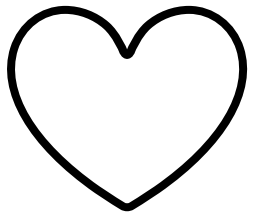
Discovering interesting relationships, i.e., “association rules,” among variables in large databases.

## Machine Learning



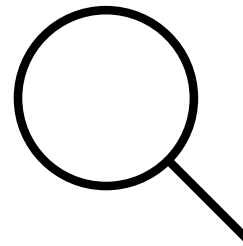
Can be used to categories and determine the probable outcome of a specific set of data.

## Sentiment Analysis



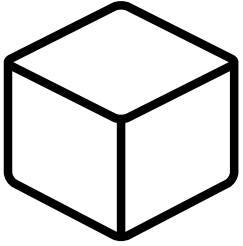
Helps researchers determine the sentiments of speakers or writers with respect to a topic.

## Supervised learning

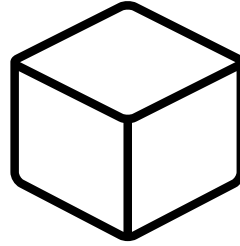


Machine learning task of inferring a function from labeled training data.

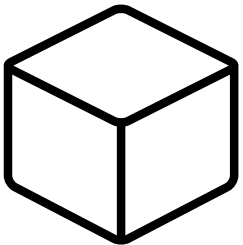
New Resource



New Resource



New Resource



New Resource

