

Introduction to Intelligent Computing

Vessa Rizky Oktavia
KK 01-02-03



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Kaela Kovalskia ...

Banzoin Hakka C...

Josujji Shinri Ch...

Christopher Devin

Fanon Dota

Muse Indonesia

All

Gaming

Music

Mixes

Live

Phasmophobia

Playlists

Genshin Impact


Animated films

Electro-Pop


Albums

Jazz


Dota 2




[Starfield] 3 - Succulentfield
Josujji Shinri Ch. HOLOSTARS-EN
455 watching
LIVE




CAVE HOUSE CAVE HOUSE CAVE HOUSE
Banzoin Hakka Ch. HOLOSTARS-EN
491 watching
LIVE




[Apex Legends] BERMAIN DISAAT CHEATER
SEDIKIT チーターが少ないときに盛るゲー...
xMendosan
77 watching
LIVE



art@titi.yiyi.draws



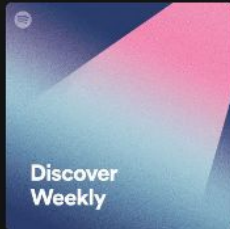
art@titi.yiyi.draws



POP SONGS 2023
billboard HOT 100 THIS WEEK

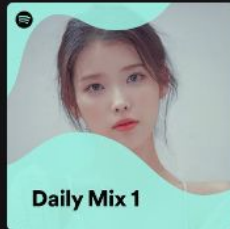
[Jelajahi Premium](#)

Dibuat Untuk Vessa



Discover Weekly

Mixtape musik baru
setiap minggu untu...



Daily Mix 1

IU, Beast, BSS, dan
lainnya



Daily Mix 2

ITZY, BLACKPINK,
TWICE, dan lainnya



Daily Mix 3

Aimer, Eve,
UVERworld, dan...



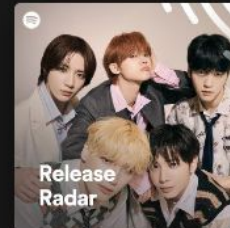
Daily Mix 4



Daily Mix 5



Daily Mix 6



Release Radar

 **GPT-3.5** **GPT-4** 

ChatGPT

Help me pick

an outfit that will look good on camera

Write a message

that goes with a kitten gif for a friend on a rough day

Suggest fun activities

to do indoors with my high-energy dog

Create a workout plan

for resistance training

Send a message





Monday

Tuesday

Wednesday

Thursday

Friday

Homework

The ability to learn, understand,
and make judgments or have
opinions that are based on reason.

[Cambridge Dictionary](#)

Intelligence



Monday

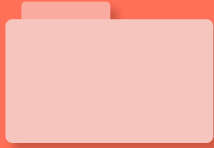
Tuesday

Wednesday

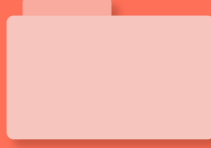
Thursday

Friday

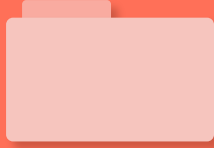
Homework



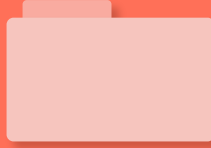
Perception



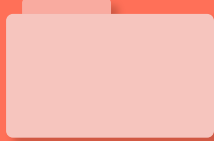
Aksi



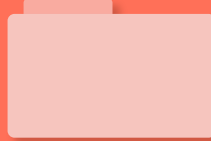
Logic



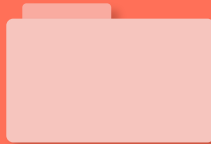
Problem Solving



Learning and Adapt



Social



Creativity

Characteristics of Intelligence



Monday

Tuesday

Wednesday

Thursday

Friday

Homework

The expression computational intelligence (CI) usually refers to the **ability** of a computer to **learn** a specific **task** from **data** or experimental **observation**.

[Wikipedia](#)

Computational Intelligence



Monday

Tuesday

Wednesday

Thursday

Friday

Homework

Intelligent computing research aims at in bringing **intelligence, reasoning, perception, information gathering** and **analysis** to **computer systems**.

[Improving Stability in Developing Nations through Automation](#)
[2006](#)

Intelligent Computing



Monday

Tuesday

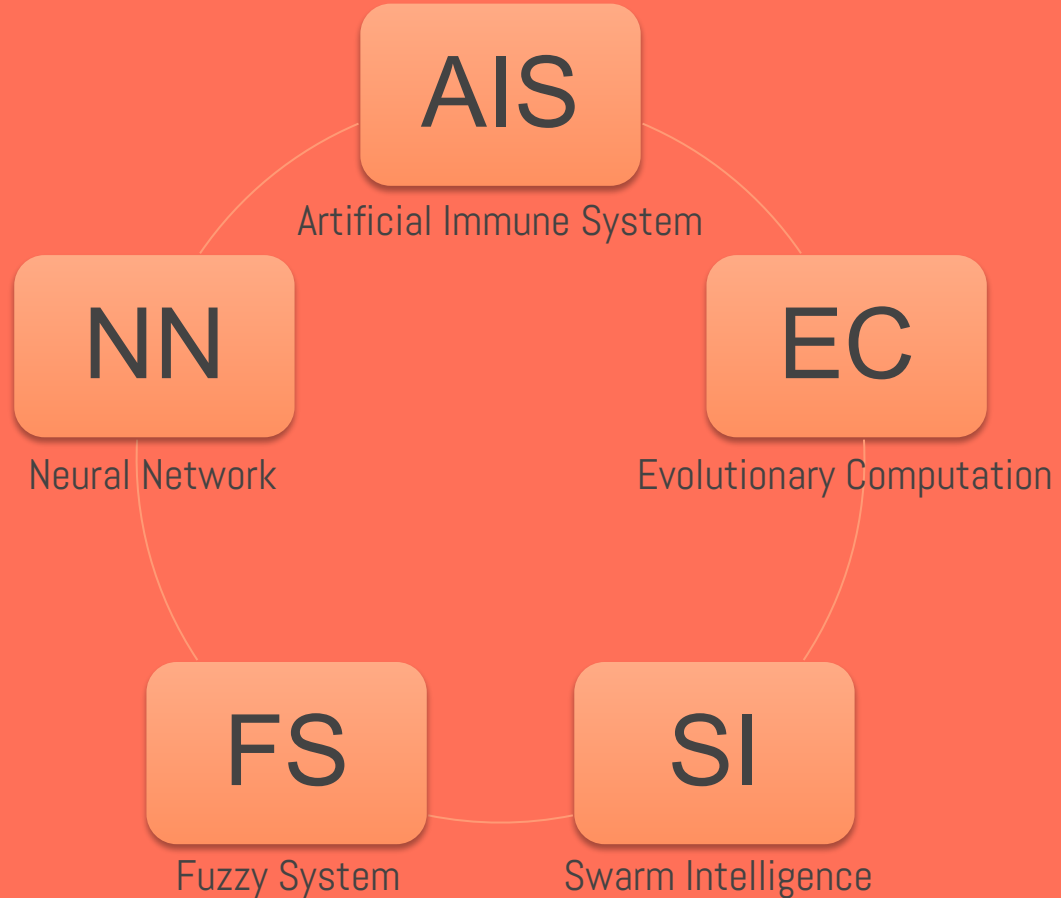
Wednesday

Thursday

Friday

Homework

Paradigm of Intelligent Computing





Monday

Tuesday

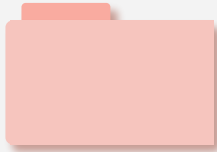
Wednesday

Thursday

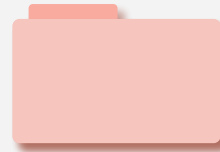
Friday

Homework

Differences



VS



Intelligent Computing

Artificial Intelligence



Monday

Tuesday

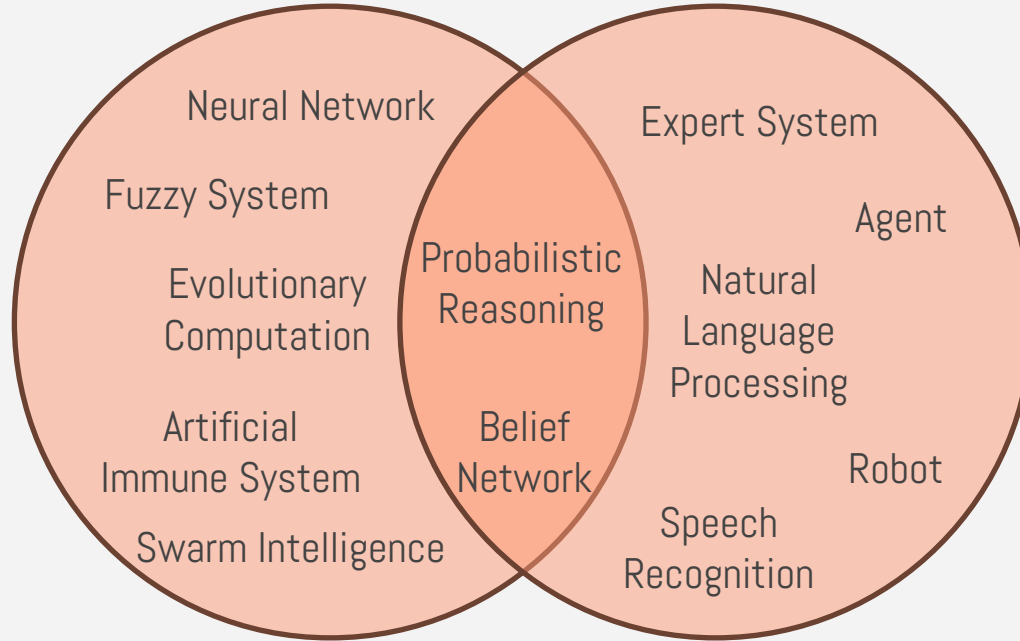
Wednesday

Thursday

Friday

Homework

**Intelligent
Computing**



**Artificial
Intelligence**



	Intelligent Computing	Artificial Intelligence
Main Study	Adaptive mechanism to facilitate intelligent behavior in a complex or changing environment	Intelligent behavior of machine compared to the natural intelligent in human
Computing Technique	Soft Computing	Hard Computing
Logic	Fuzzy	Binary
Model	Nature-based model	Mathematical model
Result	Probabilistic, incorporate randomness in their approach	Deterministic, fully determined by the parameter values and the initial values

Application Type

Prediction

Classification

Upload
Clustering



Monday

Tuesday

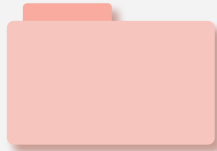
Wednesday

Thursday

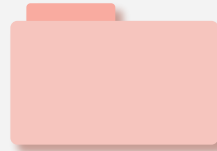
Friday

Homework

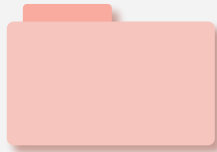
Learning Algorithm



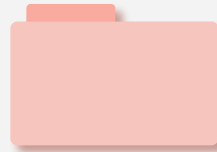
Supervised



Unsupervised



Semisupervised



Reinforcement



Monday

Tuesday

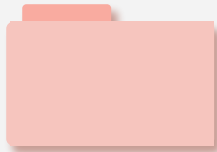
Wednesday

Thursday

Friday

Homework

Dataset



Iris Dataset

A collection of separate sets of information that is treated as a single unit by a computer.

Cambridge Dictionary

Thanks!



Do you have any questions?

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CREDITS: This presentation template was created by Slidesgo, including icons by Flaticon, and infographics & images by Freepik