



DATA BASE IN THE FUTURE

Opportunities and Threats |

Dr. Supratman Zakir, S. Kom., M. Pd., M. Kom



Scopus[®] id: 57205129622









JAN 2018

DIGITAL IN INDONESIA

A SNAPSHOT OF THE COUNTRY'S KEY DIGITAL STATISTICAL INDICATORS

TOTAL POPULATION



265.4

INTERNET USERS



MILLION

MILLION URBANISATION:

56%



PENETRATION:

50%

ACTIVE SOCIAL MEDIA USERS



130.0 MILLION

PENETRATION:

49%

UNIQUE MOBILE USERS



MILLION

PENETRATION: 67% 120.0

ACTIVE MOBILE

SOCIAL USERS

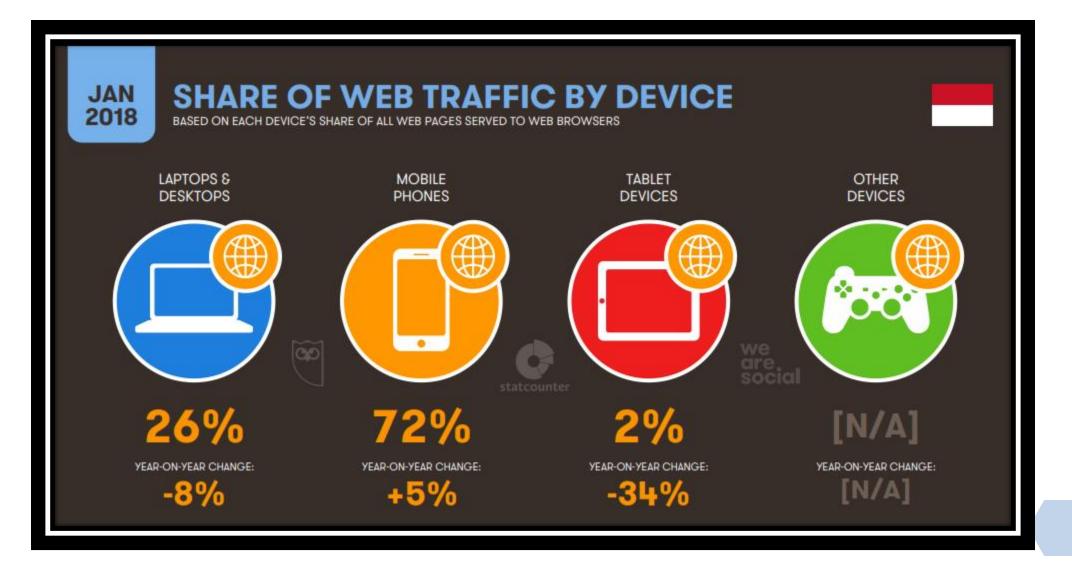
MILLION

PENETRATION:

45%

Global Webindex







JAN 2018

TIME SPENT WITH MEDIA

SURVEY-BASED DATA: FIGURES REPRESENT RESPONDENTS' SELF-REPORTED ACTIVITY

AVERAGE DAILY TIME SPENT USING THE INTERNET VIA ANY DEVICE



8H 51M

AVERAGE DAILY TIME SPENT USING SOCIAL MEDIA VIA ANY DEVICE



AVERAGE DAILY TV VIEWING TIME (BROADCAST, STREAMING AND VIDEO ON DEMAND)



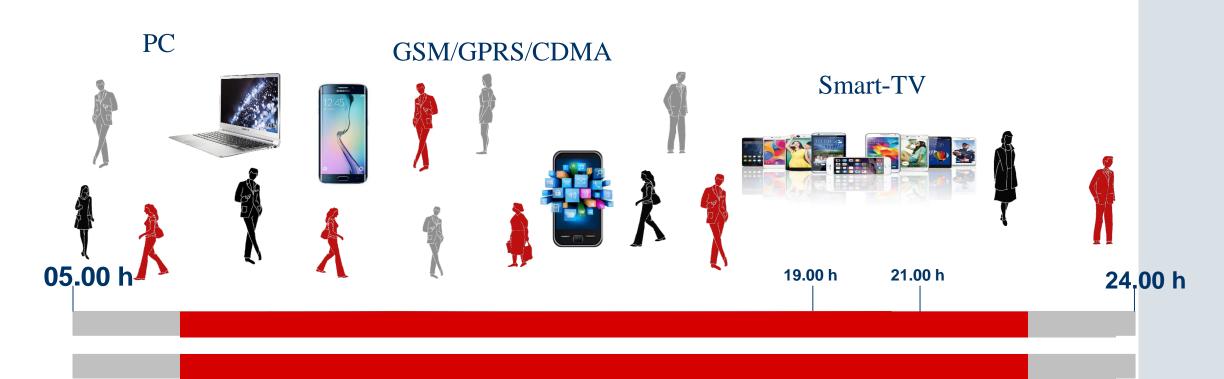
3H 23M 2H 45M

AVERAGE DAILY TIME SPENT LISTENING TO STREAMING MUSIC



1H 19M











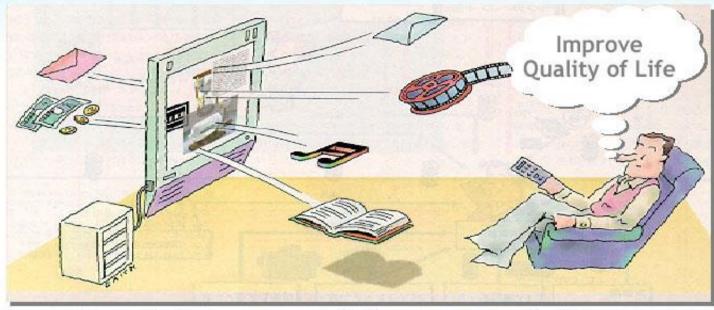




















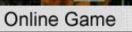














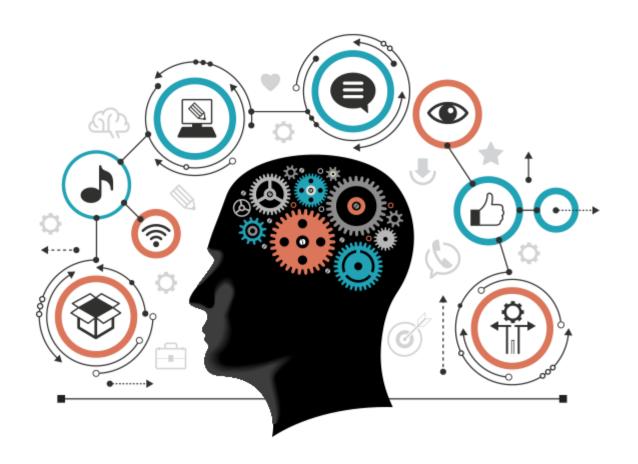


















Computer systems designed to interact with the world through certain abilities and intelligence behaviors that we realize like humans

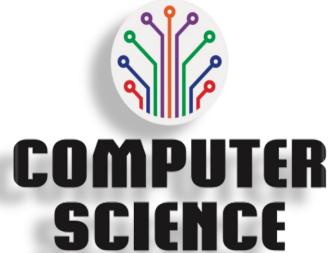






















Coding

Artificial Intelligence

Engineering Principle



DISRUPT TON



Human Machine Communication



Connection: Global Village



Smart Robot



Internet of Things



3D Printer



Driverless Car



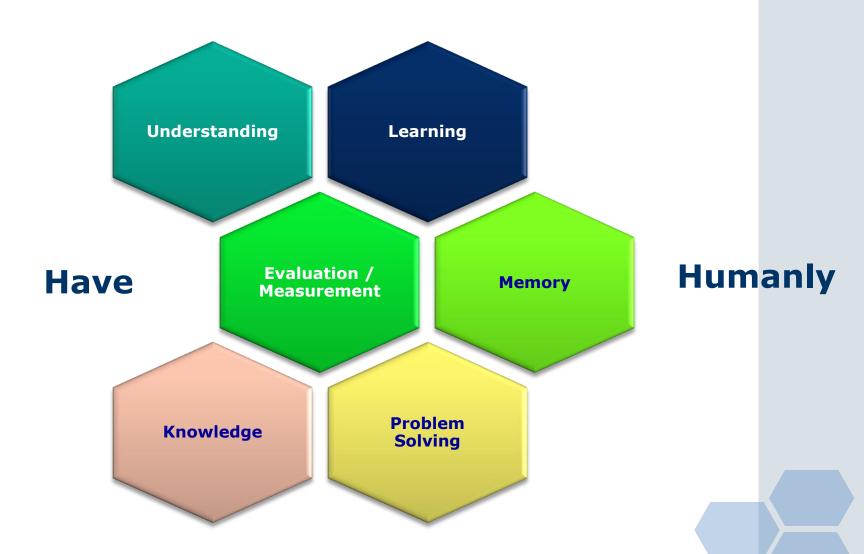
Big Data



Virtual Education









Implementation



SISRI: Voice Assistant



TESLA:
Driverless Car



COGNITO: Call Center



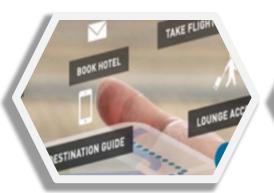
NETFLIX: Film Recommendation



PANDORA:
Music Recommendation



NLT Google : Search Engine



BOXEVER: Traveling Assistant



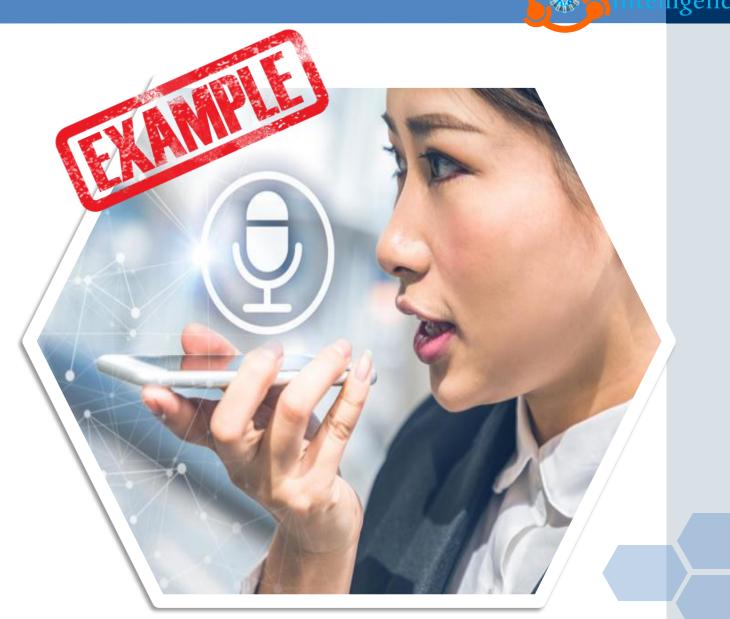
Flying Drone : Expedition





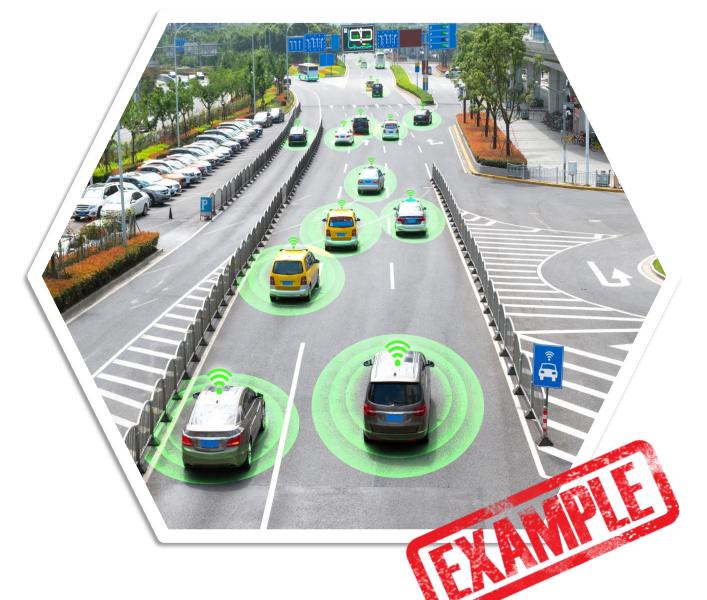
SISRI

help you find information, get directions, send messages, make voice calls, open applications, and add events to the calendar









TESLA

Tesla is a technology that eliminates human drivers. This car has various features such as self driving, predictive ability, and absolute technological innovation.





COGNITO

voice calls by analyzing human voices and providing guidance for providing maximum service









NETFLIX

a very popular contenton-demand service that uses predictive technology to offer recommendations based on consumer reactions, interests, choices and behavior





PANDORA (1)

technology that
analyzes the
characteristics of
music, then
recommends a track
record to recommend
songs that are
suitable for users









NEST LEARNING THERMOSTAT

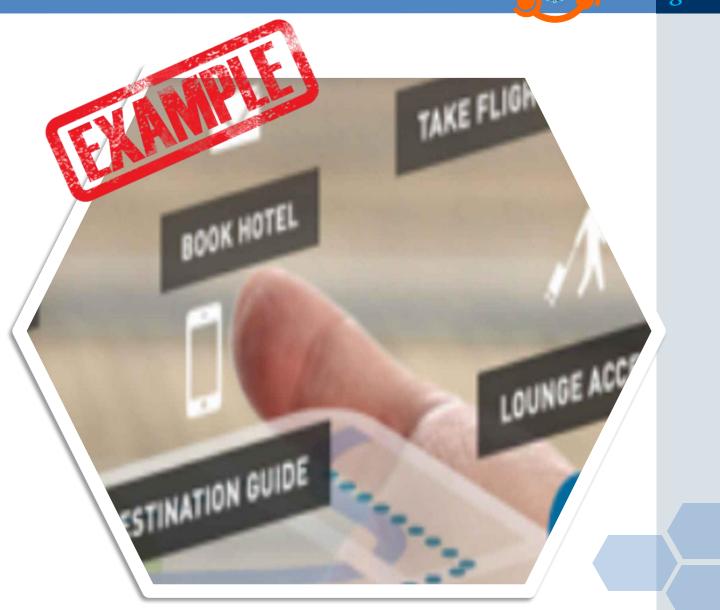
The Nest Learning
Thermostat uses
behavioral algorithms to
save energy based on
your behavior and
schedule.





BOXEVER

significantly increases customer engagement to set the playing field, help customers find new ways and make unforgettable trips









F-DRONE

by using a Wi-fi system, we can control the drone and use it for specific purposes - product delivery, video making, or news reporting













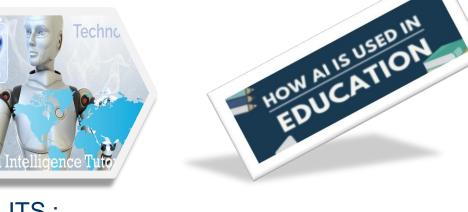
DENDRAL: Chemistry



MACSYMA: Mathematic



ITS: Intelligence Tutorial





ICAI: Intelligence CAI



Open Learning



Machine Learning



Virtual Learning







Implementation of the expert system in detecting computer failure





early detection of drug addiction for students using expert systems







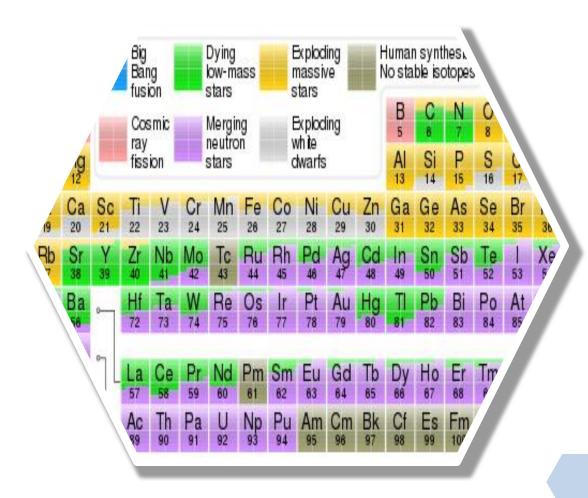


the determination of the national Olympic participants using an expert system





expert system implementation in facilitating the use of chemical formulas







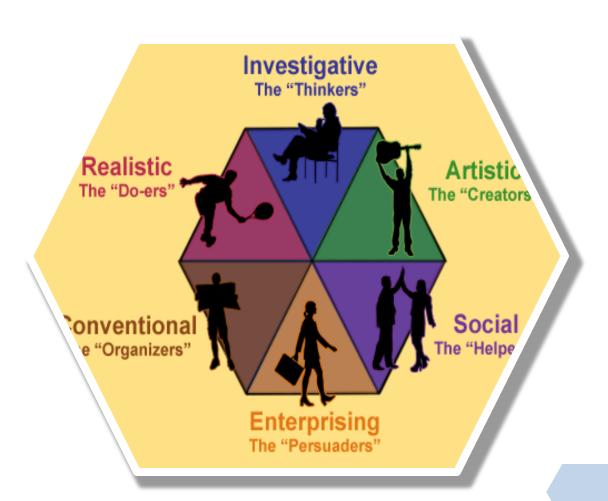


detection of student learning styles using expert systems





VIT: a system for detecting the interests of prospective students









determination of student interest in participating in extracurricular activities





penerapan Artificial
Intelligence semakin populer hari
ini; mempengaruhi cara kita hidup,
berinteraksi dan meningkatkan
pengalaman.





Jangan sampai teknologi ini mengambil alih secara mutlak adanya manusia sebagai makhluk sosial dan khalifah di muka bumi ini







