## Homework - 2000 AT and Agents

- Qi a) A dog is more intelligent Than a worm
  - 2 pags can solve problems that worms cannot such as finding food or avoiding danger
  - -) eags can leave new Things more casily Than waxms
  - -) Dogs an communicate with each other in ways That worms cannot
  - b) A human is more intelligent than a dag
    - -) Humans con Think abstractly and solve The problems Mat dogs cannot and humans have advanced cognitive functions like beasoning and creativity
    - -> Humans have complete Languages and communication systems
      both verbal and non-verbal
    - Humans can coeate and use tools, which give Them a greater ability to manifoliate Their envisorment. Dogs lack the capacity to invent, innovate as contribute to the advancement of knowledge and technology in the same wan technology can
  - An organization is more intelligent Than an individual human the problems individuals which gives it a greater ability to solve problems
    - efficiently man an "not vidual human

-) organization benefit from diverse teams and viewpoints which can lead to more creative and innovative solutions of therealt individuals bring unique experiences and insights contributing to a diched decision making process

Definition of "more intelligent"

Being move intelligent means having a some copacity for problem solving, learning, adaptability and effective decision making compared to another entity. It encomposes cognitive abilities, arealivity and me ability to obtain the colling to obtain the controlledge for better obtained

Q2: Application: Samsung Bixby

a) what does me application actually do?

Jeanning Birby is a voice - Ordivaled AI personal assistant designed to provide intelligent help and enhance. The user experience alross samoung devices, such as smartphones tablets, smart TVS, and smart home appliances. Birby and personan various tasks, including setting remainders sending messages, making calls, managing calender events controlling smort home devices, providing watther updates, playing music and asswering questions. A key coature of Birby is "Birby Routines" which automates tasks based on user behavior and preferences with Birby Routines updates. Playing music is a coalle culture and preferences. That trigger specific actions under certain conditions sould be tooking an with when assiving at home or reducing screen brightness at night.

b) How well does it perform?

Bixeby Perlosms well in executing voice commands and automoting soutines across samoung devices while it handles strought forward tasks effectively more complex requests may not be as according executed as a horan dixty soutines, in posticular except in automating daily tosks and providing a seamless under user's habits. Compared to homans dixty is efficient in automating reflective tasks and multitosking almough its understanding of allocated language is limited according to me automating of allocated language is limited according a series and natural language processing improvements performance like user engagement rates, routine activation rough and excess and excess routine activation

c) is it experimental system or a fielded system?

-> Gizeby is a fielded system with millions of users worldwide, as

it omes pre-installed on samoung devices it is designed for

everyday use, making it accessible to a broad audience, inluding

users with minimal technical knowledge. Bixty routines are

also widely used by samoung devices awners to automate

doing tasks and enhance productivity. As a mature, fully

operational Al assistant, Bixty is not an experimental

systems but a widely adopted tool for general consumer

who is it intelligent?

who is it intelligent due to its ability to understand and adapt its apply context, 10000 from usex interactions, and adopt its resident based on user preferences bixby doublines and another law of interigence by leveraging Alto learn user behavious in suggest automotion for frequently performed takes The systems capacity to automate tasks, becagnize patterns and adjust to changing contests demonstrate its intelligence is use of machine leaving, with and composer vision to interpret voice commands, becognize objects and culomize used expediences exemplifies its capabilities as an intelligent OSS:Stont

Paosamming Language and user interface

-) Bizeby is developed using various programming Languages, including sava, Python, and tallin, within and soid development envisorments. The Az aspects, such as machine leaving modes and NCP, are likely implemented using priman which is comming used in Az community. Bizby has a voice based user interpret That enables useds to interact through spoken commands and a GUZ on Somsung devices for violetal feedback and futher interactions. Bixely boutines are managed Through a dedicated interface within the device settings, allowing users to create and customize automation easily

relevences:

1. Somsung Baby Roge

2) somsung community forums and user Guides