## CCANLP Theory Assignment -

cognitive system and explain where cognitive system are suitable characteristics of characteristics of characteristics of cognitive systems are:

1) Adaptive

2) Interactive

3) Sterasive and slateful

4) contextual.

cognitive systems can analyze
Structured and unstructured data
From diverse in Formation sources.

At the same time, these systems
are able to take context into
a (count and consider comflicting
in Formation, which enables them to
formulate optioned solution to
questions and problems

en Explain the following types of machine learning, mention on application of each type.

1) Supervised learning
2) Unsupervised learning
3) Semi-supervised
4) Reinforcement.

task of influring a function from labelled training data that consist set of training data that consist set of training Scample. It is extremely powerful. The training datase is a smaller part of the algorithm a basic idea of the problem, solution 4 data points to be dealt with. 'eg; Bioinformatics.

2) Un supervised learning: If describes
a class of Problems that involve
using a model to describe or extract
relationships in data. It operates upon
only the input data without off of
target variones.

3) Reinforcement learning: It discribes

a class of problems where an
agent operates in an environment
and must learn operate using
Feedback manufacturing, inventory
management, power systems.

4) Smi-Supervised learning: It is a Supervised learning where the training data contains very Few labeled examples and a large no. of uplabeled examples.

with cognitive system?

The is a field that creats was to analyze systematically extract in formation from, or otherwise deal with a a faset that are too large or complex to be dealt with by traditional data preprocessing application software Data decision insights are providing businesses with hew competitive

	advantages, enabling them to gain insights into their customer.
	insights into their customer.
	wide range of open source tools
	and resources to spin new insights
	and resources to spin new insights on all the date at their disposal.
3/1	THE RESIDENCE OF THE PROPERTY
94)	what is a chatbot? Explain 5
7	design parameters for chat bot.
	chatbot (an be defined as XI
	based program that simulates human
	con versation. They are also known as
	cigital assistants and t understand
	human capabilities Boh interpret and
	process mi usi requests and
	given prompt relevant answers. Design parameter for chat bot are:
	vesign parameter for chat bot are:
	1) Identify chatbot goals.
	2) Do some user research
	3) map the Topics.
	4) choose be tight tools
	Dosigh User flogs
	Write the code.