AI-Gased Applications

Thealth cave Application

1		5
SI. NO	Application Requirement	Types of Intelligence required
	Needs 10 handle Clinical data.	Data Handling.
2	Needs to Gardle images, videos and text patterns.	Knowledge 6ase.
3	needs to capture symptoms	Sensing
4	Determine the drugs, reactions, and prognosis.	Building and Processiz knowledge Gase.
5	Should deal with morefuge Patient data	Data handling and Analytics.
6	Needs to verify the outcome of medical test.	Uncertainity Handling.
7	Needs to learn the diseases Sased on clinical data.	cond prediction.
8	Necds to administer the	Actuating

APP2

Agriculture related Arrication.

			13 加州中国 2011年 19 11年 2011年
5.N	0	Amication requirement	Type of inklligence required
1		Qata on soil chavachevistics	Machine Learning, Station Analysis.
2	2	Environmental prediction	Data Analysis, Predictive Modeling
3		Variability in output Considering soil, environment, Seeds & fertilizer Characteristics	Macquine learning, Simulation, casual inference
H	No.	Learning the quality of Seeds & fertilizer required given the environmental conditions & soil characteristics	Reinforcement learning, Optimization
	5	environmental conditions & taking corrective actions	machine Learning, series Analysis.
	6	Determining administering rests to save crops from insecticides.	Image Recognition, Knowledge representation
	7	Searching simple routes for laying Plants and Cropping	combinational optimization, pata planning

Implementing the Robots.

5N0	Application Requirement	Type of intelligence required
i	object recognizations detection.	visual intelligence
2	Searching for optimum poute constraints like traffic, accidents.	spatial reasoning, Consinatorial optimization
3	vaka on object Locations.	semantic Hemovy, Mar Cedning.
4	Determine the control the device movements Cosed on Local conditions.	Hotion planning, control tacory
5	Learning the object inkractions.	Reinforcement learning Imitation Learning
G	Sensing 190 10001 Conditions & replanning.	perception sensor
٦	Controlling the devices Gased on traffic conditions	Predictive modeling, Real-time control

APP 4

Implementing legal systems

SNO	Application	Type of inkligence required
l Anna	knowledge Gase on different types of cases kjudgement thereon.	An interpretation collection
2	Finding the Gest defence given case details.	strategic intelligence
3	Predicting the variationity in judgements given judge davacteristics	Avalytical intelligence
4	cearning cases and pred- icting the judgements.	MacGine Learning Intelligence
5	Analysing and correct- ness of judgements about predicted outcomes	evitical toinking intelligence.