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| **OVERVIEW OF ARTIFICIAL INTELLIGENCE** | |
| 1) | Artificial Intelligence : |
|  | Artificial Intelligence is nothing but Artificial brain.Artifical is opposite to Natural, Intelligence is equal to Talent and knowledge. Natural knowledge is  nothing but Human Intelligence |
| Artificial Intelligence is opposite to Human Intelligence(Brain) | |
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| 2) | Artificial brain created : |
|  | Artificial brain is created by mathematics. |
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| 3) | End Goal of AI : |
|  | |  | | --- | | AI Artificial brain To do task PREDICTION | |
|  | End goal of AI is nothing but prediction. |
|  |  |
| 4) | Application of AI : |
|  | Some example application |
|  | |  | | --- | | Heart disease prediction Bio-medical | |
|  | |  | | --- | | Credit card fraud prediction Banking | |
|  | |  | | --- | | Concrete strength prediction Civil | |
|  |  |
| 5) | AI Domains : |
|  | a) Machine learning (ML), b) Deep learning (DL), c) Data science |
|  | d) Natural language processing (NLP), e) Time series analysis (TSA) |
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|  | AI is like as an Umberla,all domains are under the AI. |
|  | |  | | --- | |  | |
|  | Machine language |
|  | Deep learning PREDICTION |
|  | NLP |
|  | TSA |
|  |  |
|  | |  | | --- | | Data science Analysis | |
|  |  |
| 6) | Domain selection : |
|  | INPUT DOMAIN |
|  | |  | | --- | | Number Machine language | |
|  | Image and Number Deep learning PREDICTION |
|  | Text Natural language processing |
|  | Date Time series analysis |
|  |  |
|  | According to the input domain will be selected |
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| 7) | Data science : |
|  | Data science is nothing but Statistics, Analysis will be taking place in the past datasheet. |
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| 8) | Only a man like a AI - NO |
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| 9) | Relationship between AI and Python : |
|  | Consider Artificial is a Maths and Python is a calculator. |
|  |  |
| 10) | Relationship between Anaconda, spyder and jupyter (IDE) |
|  | Anaconda is like as a Browser, Jupyter and spyder are used to write python programming. |
|  |  |
|  | IDE - Integrate Development Environment |
|  |  |
| 11) | Comparison Elements of AI and HI : |
|  | Human intelligence element |
|  | Eye - Computer vision, Brain - Deep learning neural network, Language -NLP, |
|  | Heart - Processor |
|  | Artificial intelligence element |
|  | ML,DL,NLP,TSA,Computer vision,Robotics,Computation speech  interpretation |
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