



What is Artificial Intelligence ?

by sumit kumar shukla

**What is Artificial
Intelligence ?**

01

02

**Importance of
Artificial Intelligence**

**Domains &
Applications of AI**

03

04

**Job Profiles &
Companies Hiring**

Introduction

Artificial Intelligence is a Buzzword in the Industry today and for a good reason. AI or Artificial Intelligence has already made so much progress in the Technological field and according to a Gartner Report, Artificial Intelligence is going to create **2.3 million** Jobs by 2020, replacing the 1.8 million it will eliminate.



"Success in creating AI would be the biggest event in human history. Unfortunately, it might also be the last, unless we learn how to avoid the risks." --

—Stephen Hawking



Agenda Timeline

Section 2

Section 4



Section 1

Section 3

01



What is AI ?

What is Artificial Intelligence ?

- AI is a technique that enables machines to mimic human behaviour. Artificial Intelligence is the theory and development of computer systems able to perform tasks normally requiring human intelligence, such as visual perception, speech recognition, decision-making and translation between languages.



Agenda Timeline

Section 2

Section 4



Section 1

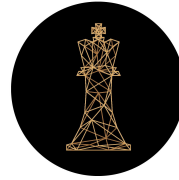
Section 3

02

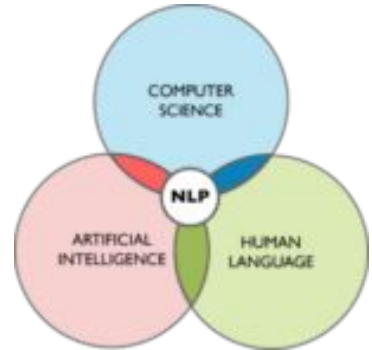


Importance of Artificial Intelligence

Importance of AI



- Artificial Intelligence (AI) has made it possible for machines to learn from experience and grow to perform human-like tasks. A lot of flashy examples of Artificial Intelligence you hear about like **Self Driving Cars, Chess Playing Computers** rely heavily on *Deep Learning* and *Natural Language Processing*. Using these technologies, computers can be trained to accomplish specific tasks by processing large amounts of data and recognizing patterns in the data.



Agenda Timeline

Section 2

Section 4

What is AI ?

Importance of AI



Domains &
Applications of AI

Job Profiles &
Companies Hiring

Section 1

Section 3

03



Domains & Applications of Artificial Intelligence

Area of AI



Applications of AI



Speech Recognition



Machine Translation

Applications of AI



Machine Translation

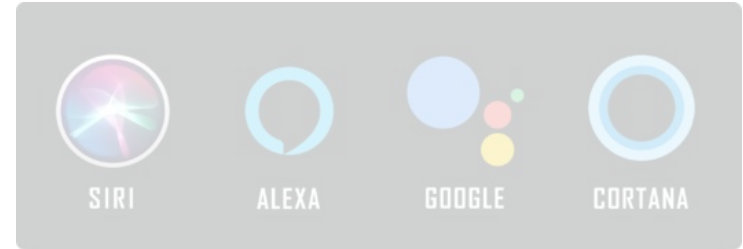


Facial Recognition and Automatic Tagging

Applications of AI

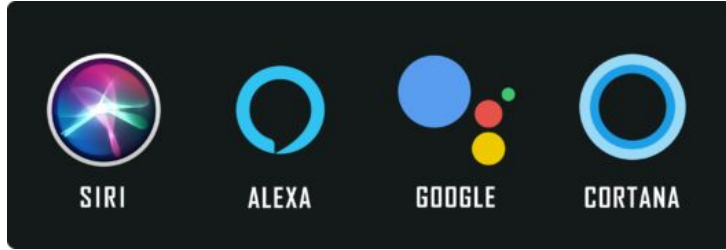


Facial Recognition and Automatic Tagging

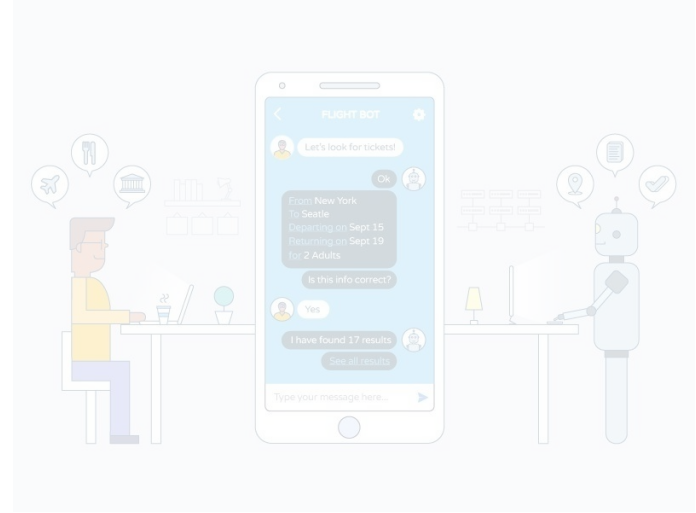


Virtual Personal Assistants

Applications of AI



Virtual Personal Assistants



Chatbots

Applications of AI

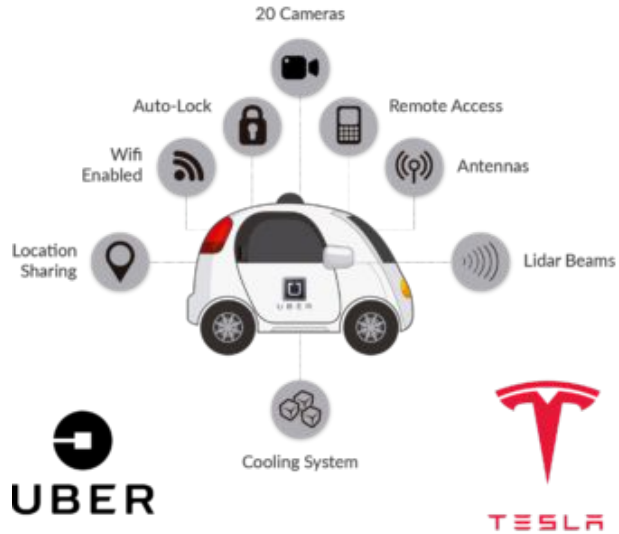


Chatbots



Self Driving Car

Applications of AI



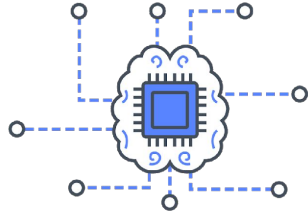
Self Driving
Car

03

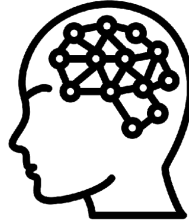


Domains of AI

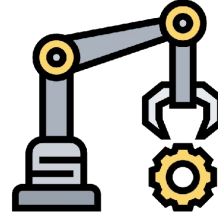
Domains of AI



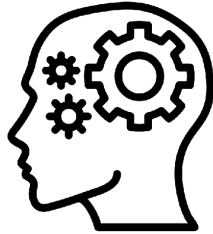
Machine Learning



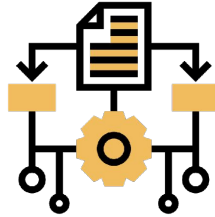
Neural Networks



Robotics



Expert Systems



Fuzzy Logic



Natural Language
Processing

Agenda Timeline

Section 2

Section 4

What is AI ?

Importance of AI

Domains &
Applications of AI



Job Profiles &
Companies Hiring

Section 1

Section 3

04



Job Profiles & Companies Hiring

Job Profiles in AI

The demand for AI skills has more than **doubled** over the past three years, and the number of job postings is up by **119 %**.



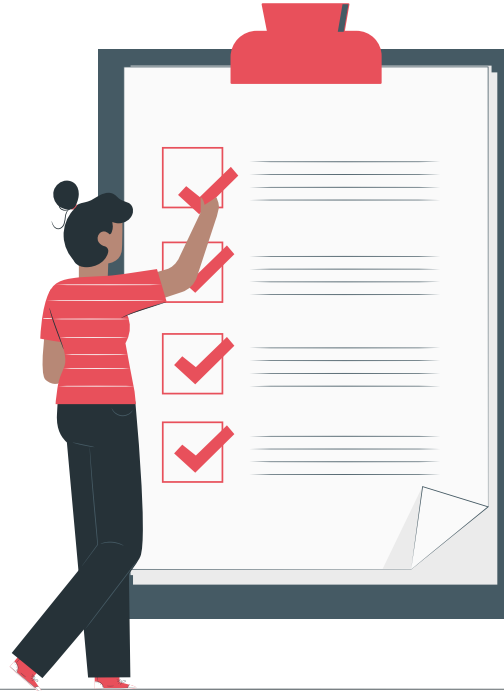
Job Profiles in AI

Machine Learning Engineers \$ 111,490

Machine learning engineers are sophisticated programmers who develop machines and systems that can learn and apply knowledge without specific direction.

Artificial Intelligence Engineer \$105,244

An artificial intelligence engineer works with algorithms, neural networks, and other tools to advance the field of artificial intelligence in some way.



Data Scientist \$91,470

Data scientists are those who crack complex data problems with their strong expertise in certain scientific disciplines. They work with several elements related to mathematics, statistics, computer science, etc.

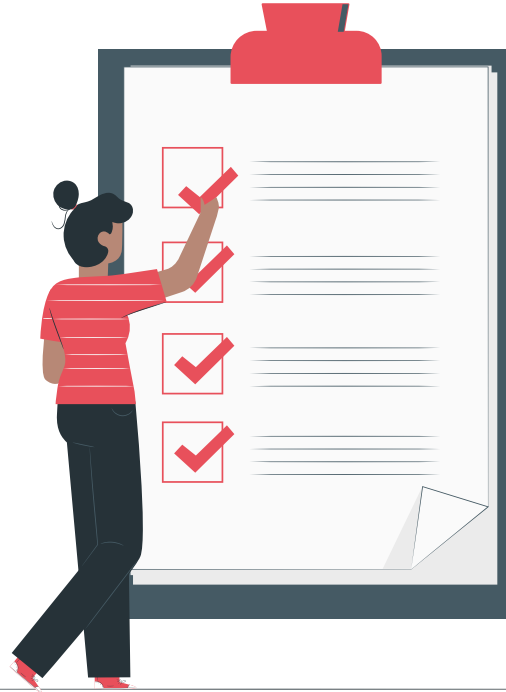
Business Intelligence developer \$ 92 , 278

A Business Intelligence developer spends a lot of time researching and planning solutions for existing problems within the company.

Job Profiles in AI

Research Scientists \$ 105,666

Research scientists are responsible for designing, undertaking and analysing information from controlled laboratory-based investigations, experiments, and trials.



Big Data Architect \$151,307

Big data engineers and architects have among the best paying jobs in artificial intelligence.

04



Companies Hiring

Companies Hiring

Companies Hiring AI Engineers

The Amazon logo, featuring the word "amazon" in a dark grey, lowercase sans-serif font, with a curved orange arrow underneath it pointing from the 'a' to the 'z'.The Adobe logo, consisting of a red stylized "A" with a registered trademark symbol, and the word "Adobe" in a black sans-serif font below it.The IBM logo, featuring the letters "IBM" in a white, bold, sans-serif font, with horizontal lines through the letters, set against a dark blue background.The NVIDIA logo, featuring a green stylized eye icon above the word "NVIDIA" in a black, bold, sans-serif font.The Uber logo, consisting of a black circle with a white square inside, and the word "UBER" in a black, bold, sans-serif font below it.The Wells Fargo logo, featuring the words "WELLS FARGO" in a yellow, bold, sans-serif font, set against a red square background.

Results Analysis of AI Sector

119.0%

Most Hottest Sector you can
work with



Thanks!

Do you have any questions?

iitd.shukla@gmail.com
+91 626 333 2517

https://www.instagram.com/_py.pro_

<https://www.linkedin.com/in/sumitkumarshukla>

