

ASSIGNMENT 1

Submitted By :-

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Q1. Changes in Tech since 2010s

Before 2010s	After 2010s
Feature phones with keypad were there	IPhones and smartphones with touchscreen came
2G and 3G network	3G established and 4G came
Social media (E.g. Orkut) had only chat feature in it	Now it's a fully-fledged social media with Chat, post, call etc.
Vehicles operating on Petrol and Diesel	Electric vehicles have arrived
Retail shops had upper hand	E-commerce websites emerged
Applications developed not had concept of AI or cybersecurity in it	Applications developed in field of AI and cybersecurity
Data used to be stored locally	Data storage majorly moved to cloud
Applications used to be developed locally and then deployed	Applications are now developed in cloud services for more computing power in less money
Almost 100% workforce was human	20% workforce would be robots by 2030
Healthcare used to be like going to clinic or hospital	Healthcare takes the help of AI and goes digital
Cars were driven by humans	Self-driving cars have been introduced

Reference :-

<https://www.globalxetfs.com/a-decade-of-change-how-tech-evolved-in-the-2010s-and-whats-in-store-for-the-2020s/>

Q2. Internet world Stats

Name	Number	Description(if any)	Last date when updated	Reference
Number of Websites	475 Billion	Live in internet in 2021	2 nd January, 2021	https://archive.org/about/
Number of webpages	53 Billion	Indexed by google	28 January, 2021	https://www.worldwidewebsize.com/
Number of webpages	13 Billion	Indexed by Bing	28 January, 2021	https://www.worldwidewebsize.com/
Available data	44 Zetta Byte	-	26 March, 2021	https://www.nodegraph.se/how-much-data-is-on-the-internet/
World-wide Internet traffic	219 Exa Bytes	In year 2021	17 January, 2021	https://en.wikipedia.org/wiki/Internet_traffic
Servers	Over 90k	Owned by Google, largest in the world	9 August, 2021	https://medium.com/@aniereobisolo/how-fast-is-a-google-server-855fa5431813
Data stored on internet	44 Zetta Bytes	-	26 March, 2020	https://www.nodegraph.se/how-much-data-is-on-the-internet/