**ASSIGNMENT 1**

**Submitted By :-**

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**Q1. Changes in Tech since 2010s**

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| **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**

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| **Name** | **Number** | **Description(if any)** | **Last date when updated** | **Reference** |
| Number of Websites | 1.83 Billion | Live in internet in 2021 | 2nd January, 2021 | https://www.websitehostingrating.com/internet-statistics-facts/ |
| 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 Goolge, 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/ |