



Assistance of Artificial intelligence and IoT

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Abstract:

IoT is one of the most intrinsic building blocks in Industry 4.0, everybody has heard the word IoT but most of them don't know what IoT is and it's crux. Many people who use Iot devices aren't aware that they're using it. Iot is omnipresent, now what is Iot aka Internet of things?

Fetching data, this data can be anything like temperature, pressure, humidity etc from the environment and pushing it through the internet for the purpose of monitoring, triggering some actions or for some analytics.

Now let's see how it alleviates the day-to-day life of a common man. The basic principle of Iot is the idea of devices that collect information and are able to deliver it across great distances. And it is this capability of IoT that makes it the next big thing in the industry. I will explain it through a basic example, imagine you're going abroad after boarding the flight you realise you forget to switch off the light and fans, if your home appliances are powered by IoT then you could switch off with the help of your smart phone in a click. Sound's interesting na? This is just a tip of the iceberg varying from agriculture, automotive, health care, hospitality there are umpteen use cases IoT can take care of. With the help of data fetched by IoT further prediction can be made with the assistance of artificial intelligence.

Biography:

I'm an IT professional with experience in IoT and AI domain outfitted with B. Tech in Electronics and Communication Engineering and PG Diploma in Electronic Product Design and Manufacturing. Kick started career as an IoT developer in a product development domain thereafter get involved in AI as well as a part of personal interest and professional passion. Contributed in multi aspects of product development life cycle from requirement analysis to product release. I follow "Learn, upgrade, evolve and contribute something to improve and alleviate the lives of mankind" as professional philosophy and "Supporting the underprivileged with the fortunes made through profession" as personal philos-



ophy. In a long and vigorous journey to become the "Jack of all trades". I'm currently working as the department head of AI in Allianze Infosoft which is a sister entity of Allianze BPO International.

Recent Publications:

1. International Union for Conservation of Nature The IUCN Red List of Threatened Species (Version 2018-1)(2018)
2. S.N. Stuart, et al. The barometer of life Science, 328 (2010), p. 177
3. B.R. Scheffers, et al. What we know and don't know about Earth's missing biodiversity Trends Ecol. Evol., 27 (2012), pp. 501-510
4. International Union for Conservation of Nature Rules of Procedure for IUCN Red List Assessments 2017-2020 (Version 3.0)(2016)
5. S.H.M. Butchart, et al. Measuring global trends in the status of biodiversity: Red List indices for birds PLoS Biol., 2 (2004), Article e383

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