## **250 word essay**

## **Select one question:**

## **What are two trends in AI and why are they important?**

**Mainstream auto manufacturers will launch self-driving cars.**

Artificial intelligence (AI) is going to transform the automobile industry in the near future. Mainstream auto manufacturers such as General Motor Company are pushing to deploy electric Chevy Bolt robot taxis in big U.S. cities by 2019. Uber will also try to deploy a fleet of Volvo XC90’s in this same timeframe. At first these self-driving cars will be in services like taxi’s and shuttles. According to IHS Markit, by 2021 there will be about 51,000 autonomous vehicles on the roadways worldwide [1]. By 2040, the sales are projected to rise to an estimated 33 million [1]. Therefore, they can be built out of lightweight, lower-cost materials [2]. Autonomous vehicles will also be less expensive. Electric engines are cheaper to construct and maintain than gasoline-powered engines [2].

**Peer-to-peer networks will create transparency.**

Peer-to-peer networks are also another trend in AI. By taking advantage of the combined power of multiple computers, machine learning deployed over peer-to-peer networks is capable of solving many problems that are computationally prohibitive with just a single machine [3]. Nano Vision is a startup that leverages peer-to-peer networking to combat the world’s most challenging medical conditions [4]. The company’s Cure Chain™ blockchain platform incentivizes people to share their real-time biological data via its Nano Sense™ chip by rewarding them with its Nano Cure™ cryptocurrency [4]. The vast amounts of data collected over this blockchain network form the training dataset that Nano Vision’s AI algorithms use to inform cutting edge medical solutions [4]. Similarly, a company called Presearch uses peer-to-peer networking to facilitate a more transparent search engine experience for its members, who are compensated with Etherium tokens, as it pertains to the content displayed on the screen [5].

## **References**

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