



МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ  
СУМСЬКИЙ ДЕРЖАВНИЙ УНІВЕРСИТЕТ  
КАФЕДРА ІНОЗЕМНИХ МОВ  
ЛІНГВІСТИЧНИЙ НАВЧАЛЬНО-МЕТОДИЧНИЙ ЦЕНТР

## **МАТЕРІАЛИ**

**XIV ВСЕУКРАЇНСЬКОЇ  
НАУКОВО-ПРАКТИЧНОЇ КОНФЕРЕНЦІЇ  
СТУДЕНТІВ, АСПІРАНТІВ ТА ВИКЛАДАЧІВ  
ЛІНГВІСТИЧНОГО НАВЧАЛЬНО-МЕТОДИЧНОГО ЦЕНТРУ  
КАФЕДРИ ІНОЗЕМНИХ МОВ**

**«TO MAKE THE WORLD SMARTER AND SAFER»**

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give a command to the assistant and it runs this command at a few seconds.

The first modern digital virtual assistant installed on a smartphone was Siri, which was introduced as a feature of the iPhone 4S (2011). Then there was Amazon Echo (2014), Google Home (2016). They introduced consumers to the idea of using the voice to perform tasks. Now, it is about voice becoming a pervasive interaction mode that has more capabilities and is used more frequently across more devices and contexts.

Now practically all “smart” devices support voice assistant. With extensive use of IVA, it has a huge list of criteria. Such as intelligence, different types of supports (languages, “smart” home and etc.), private policy.

### TESLA – ELECTRIC CARS

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Emissions of exhaust and crankcase gases into the atmosphere are large, that is why using cars with an internal combustion chamber is not very useful. The creation of a comfortable and less polluting vehicle is relevant. To realize this idea, purer energy is needed, it can be obtained by using electricity.

Tesla Motors Inc is a manufacturer of electric cars using electric motors. The company was founded by Elon Musk, JB Stobel, Martin Ebergardd, Mark Tarpenting and Ian Wright. The name of the company used the name of the first creator of the electric motor, Nicholas Tesla. Based on research and testing, the first Tesla electric car model was developed. It has a very simple design and the number of mechanical parts is minimized. The electric motor is powered by batteries located at the bottom of the car. The battery is an assembly of lithium-ion batteries, they can be discharged and recharged many times.

All Tesla vehicles are produced at its factory in Fremont, California, where the vast majority of the vehicle components are also made. To achieve the goal of having the safest factories in the world, Tesla is taking a proactive approach to safety, requiring production employees to participate in a multi-day training program before ever setting foot on the factory floor.

Such electric cars have gathered a large audience of fans and are successfully changing future ones. The main advantage is the preservation of the environment from harmful emissions. And comfort, safety and technology innovations delight owners with coziness.

To create an entire sustainable energy ecosystem, Tesla also manufactures a unique set of energy solutions such as Powerwall, Powerpack and Solar Roof, enabling homeowners, businesses, and utilities to manage renewable energy generation, storage, and consumption. Electric cars, batteries, renewable energy generation and storage already exist independently, but when combined, they become even more powerful – that is the future we want.

## UNCANNY VALLEY

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Sometimes humanoid-like robots or computer characters evoke fear. This is because we know that they are only created to look like people. For example: robot Sophia looks like a real person, but it can't move naturally, it moves like a robot and sometimes it scares.

This phenomenon is called “Uncanny Valley” and it was introduced in the 1970s by Japanese roboticist Masahiro Mori. Mori loved designing robots and the more he learned, the more realistic his creatures looked. But he noticed that the simpler the robots were the more positive reaction they evoked but the more realistic or human-like they became, the more people got scared of them.