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**IF I COULD INVENT SOMETHING NEW**

The advent of Artificial Intelligence has been mind-blowing. AI or machine learning refers to the ability of machines to learn and act intelligently, meaning they can make decisions, carry out tasks, and even predict future outcomes based on what they learn from data. With the success of artificial intelligence, it leaves more to be imagined what the future holds.

If I could invent something new, it would be a drone fitted with AI capabilities for purifying the air. Humanity faces many environmental challenges, with air pollution affecting millions of people globally. The traditional methods of combating air pollution, such as the use of masks with filters, emission controls, and planting of trees, have not been very effective. We need a far-reaching solution – one that is simple, yet combines technology, efficiency, and effectiveness.

The Air Purification Drone is designed and equipped with intelligent sensors capable of detecting pollutants and harmful gases. It would be able to fly at different altitudes, day or night. The drone’s primary function would be to purify the air by neutralising pollutants. The AI-driven drone will perform airborne patrols in urban areas, industrial zones, traffic-congested regions, and other places identified as pollution hotspots.

The drone would use a combination of technologies to attract and neutralise harmful airborne particles, break down pollutants into harmless compounds, and capture gases and volatile organic compounds. The purified air would be released back into the environment. The drone’s AI would also learn from its surroundings. It would adapt purification solutions based on pollution levels, weather conditions, and time of day.

Imagine a future where air purification drones hover around our communities and cities, quietly purifying the air we breathe. The invention would bring about a considerable reduction in airborne and respiratory diseases. Globally, it can pave the way for cleaner skies, healthier communities, and a sustainable future.