

**GOVERNMENT OF INDIA
MINISTRY OF CIVIL AVIATION
LOK SABHA
UNSTARRED QUESTION NO. : 3022
(To be answered on the 21st December 2023)**

DATA SECURITY IN AVIATION SECTOR

3022. SHRI M.V.V. SATYANARAYANA

Will the Minister of CIVIL AVIATION

नागर विमानन मंत्री

be pleased to state:-

- a) whether the Government proposes to make use of Big Data and Artificial Intelligence (AI) to predict and avoid data breaches and cyber attacks;**
- b) If so, the details thereof and the time by which it is likely to be implemented;**
- c) If not, the reasons therefor; and**
- d) the steps taken by the Government to uphold data security in the civil aviation industry?**

ANSWER

Minister of State in the Ministry of CIVIL AVIATION

नागर विमानन मंत्रालय में राज्य मंत्री

(GEN. (DR) V. K. SINGH (RETD))

(a) to (c): Airports Authority of India (AAI) is implementing Big Data based security appliance systems for protection against cyber attacks using Artificial Intelligence (AI) and Machine Learning (ML) to predict and analyze cyber threats.

(d): Bureau of Civil Aviation Security (BCAS), aviation security regulator in the country has prepared Cyber Crisis Management Plan (CCMP) which deals with scenarios of cyber incidents and responses to be undertaken for countering cyber attacks and cyber terrorism. To address identified vulnerabilities and ensure mitigating measures, BCAS has issued guidelines on the subject "Guidelines for Protection of sensitive data in aviation sector of India" which covers the subject 'Protection from cyber-attack'.
