



Inspiration4

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- Entrepreneur Elon Musk's SpaceX announced that '**Inspiration4**', **first all-civilian, non-governmental spaceflight**, is launch on September 15. The Crew Dragon spacecraft is set to be launched from NASA's Kennedy Space Centre in Florida in the US.
- It will take a group of four private citizens into space for three days. The **mission involves circling the Earth for three days**, and then splashing down into the Atlantic Ocean. Inspiration 4 will orbit the Earth at 575km, higher than the International Space Station (408km) and the Hubble space telescope (547km).
- This will be the farthest distance travelled by a crewed mission since 2009, when astronauts last went to repair the Hubble. The Dragon module has also been modified for the mission. **Usually, the SpaceX module is used for travelling to the ISS.**
- **The journey will present an opportunity for collecting large amounts of health data** that will aid in planning future crewed space missions. They will collect data on Eelectrocardiographic activity, sleep, heart rate, blood oxygen saturation, cabin noise and light intensity, which will help in assessing behavioural and cognitive changes over the journey.

X



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(प्रिलिम्स + मेन्स)

ऑफलाइन बैच	ऑनलाइन लाइव कोर्स
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