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**Hyperloop Podcast Sample Script**

Imagine going from SFO to LA in just 30 minutes! Sounds insane, right! Well, with the hyperloop this may soon become our reality.

The Hyperloop, possibly a "fifth mode" of transportation, is currently under development and is an idea coined by the SpaceX and Tesla founder, Elon Musk. In 2013, he open-sourced the idea of hyperloop technology which has created a competitive push for a new mode of ground transportation similar to the space race in the mid-20th century to reach the moon.

Now you must be super curious as to what exactly is the hyperloop that is literally driving the world insane.

The hyperloop is a cross between a train and plane. It's sort of like traveling in a bullet through a shotgun barrel partly using technology from an air hockey game. Yeah, I know that sounds kinda crazy!

So how exactly does the hyperloop work? Hop onboard to find out.

Simply put, the hyperloop technology is designed in such a way to minimize or completely remove the two basic physics ideas:

- > air drag
- > friction

Depressurized tunnels create a near-vacuum environment where extremely high speeds are possible because there's minimal air drag or wind resistance.

Further, thanks to a fancy concept, magnetic levitation (maglev), the pod hovers removing ground friction of wheels or tires that occurs in other modes of ground transportation. Maglev mostly uses two sets of magnets: one set to repel and push the pod up off the track, and another set to move the elevated pod ahead.

So to sum it up, the pods effectively float on a frictionless magnetic cushion. Woah! Mind blown!

Besides the obvious advantages of zooming from place to place at 750 miles per hour, the hyperloop also will produce low carbon emissions, will be climate-neutral, cheaper to construct and will also be a cheaper mode of transportation. A win win for all.

Well folks, you have now arrived at your destination. It was lovely having you on board and I hope to see you again very soon :)