

Name & ID:

Please provide answers under each question.

INFO5992 Introduction to IT innovation

Tutorial 02 Worksheet

Is there a Dominant Design in Electrical Vehicles?

Question 1: Briefly describe the three different types of electric vehicle (BEV, PHEV, range-extended electric vehicle). What are their advantages and disadvantages relative to each other?

Answer:

BEV: Battery EV; all electric battery vehicles

not 0 carbon emission ← PHEV: plug-in Hybrid EV; a variation of hybrid electric, can be plugged into charge

Range-extended electric V: (EREV): hybrids, run entirely on electric motor, no traditional engine, but has gas generator can generate electricity

Question 2: Describe the product category of electric vehicles by listing some general functionalities and features.

Answer: • Have electric motor

Question 3: Explain which phase of the design dominance and technology cycle electric vehicles are in?

Answer:

Before Dominant Design | , the charger is different?
No protocol

Question 4: Have electric vehicles crossed "the Chasm" in the technology adoption lifecycle model? Explain Why.

Answer:

In china, I prefer to say 'yes'. Most people accept EV, because they are cheaper and better.

No for global