Will the US Get Rid of Fossil Fuel Cars in the End?

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Petrol prices have hit another record high as oil and gas costs soar amid fears of a global economic shock from Russia's invasion of Ukraine.

Oil jumped to $139 a barrel at one point, the highest level for almost 14 years, while wholesale gas prices for next-day delivery more than doubled.

Biden's climate spending is set to kickstart the market for EVs, according to a new forecast from BloombergNEF.
Why interested and Why Important

- Climate changes gradually influence human life and environment
- Energy Price (esp. Gasoline Price) solar up caused by wars and geopolitics
- (Hybrid) Electrical vehicle gains more market share
Why: Focused Question

- How many AFV (Alternative Fuel Vehicle) and HEV (Hybrid Electric Vehicle) are sold in the US?
- Can we find a trend in the sales history of these vehicles?
- What are the possible reason for US people to gradually switching to AFVs and HEVs?
  - Fossil Fuel Price
  - Fossil Fuel Usage -> Environment Damages
  - Charging infrastructure
What: Our Data Source

- Interesting data set we gathered from official website: https://afdc.energy.gov/data
  - Average Retail Fuel Price in the United States: https://afdc.energy.gov/data/10326
  - AFV and HEV Model Offering by Manufactures: https://afdc.energy.gov/data/10304
  - Electric Vehicle Registrations by State: https://afdc.energy.gov/data/10962
How: Our Approach

- Present the Vis in the format of HTML
- Utilize JavaScript library suitable for visualization
  (Chart JS, D3 JS etc.)
Thank you