

COMMODITY TRACKER

GROUP 9

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MINERALS FOR EV BATTERY

- Lithium
- Nickel
- Cobalt
- Copper
- Manganese
- Aluminum



Are EV's the future!

The growing adoption of electric vehicles is driving rapidly increasing demand for rechargeable batteries and their input commodities including lithium, cobalt, nickel, graphite, manganese, copper and aluminum.

Lithium production as the main source is expected to double from 2018 to 2022, supported by capacity expansions and new mines entering production mainly in Chile, Australia, Argentina and Canada, the global demand is expected to grow by 10% in 2022.

This project is basically identifying investors involved in this mines while tying them to their shareholders, also everything is powered by supply and demand where these commodities are in high demand.

Data source

Using Data focusing on EV vehicles, we plan to investigate and demand for these commodities, we are also using this data set to pinpoint locations where the batteries are being extracted from, also with focus on commodity trending updates with their investors.

- Data Set 1 – Mineral Operations of Latin America and Canada/ Africa and Middle east from <https://catalog.data.gov>
- Data Set 2 – CSV File with different commodity features is from Investing.com
- Data Set 3 – API source is Market Stack

Visualization

- The idea is to create a map to pinpoint the minerals and year trends, also to display a line chart about buyer's stock price, volume fluctuations, we also have an interactive chart using D3 for commodities