

Safety Data analytics

1. Attempt the following queries and answer accordingly:
 - a. Mention the gangue minerals associated with top five most available ore minerals found in India.
 - b. Mention top ten leading states of the world where silver is the by-product mineral recovered from the mines which were functional in the past.
 - c. Mention the countries of Asia with largest vein deposits.
 - d. Mention the minerals that are abundant in US when compared with all the remaining countries combined together that can be mined in future.
 - e. What percentage of metallic commodities exist in the continent of North America that can be mined using surface mining techniques and where the country rocks are sedimentary in nature.
2. Design a world map that locates the states of the world where gold is the most abundant mineral that can be mined in future.
3. With the help of visualisation tools, present the information regarding
 - a. Continent wise ore minerals that are mined in present time.
 - b. Top five country rocks associated with ore minerals in India
 - c. By-product minerals recovered from the US states where gold and copper are abundant.
4. Predict the months of 2023 where export of the minerals: gold, silver, copper, lead and iron will yield maximum profits in a visual format.
5. Predict the monthly variations in price of gold and silver with clear demonstration of the price curves.

Dataset link

https://drive.google.com/drive/folders/1bhn-owidm2j8Sjl-CNTicDN2b5WaXuW4?usp=share_link