## **Prompt Suggestions**

## PGS Chat: Retrieve information from and Visualize custom database

- 1. Show the gene and rank, ranked from top to bottom.
- 2. Show the gene and rank, ranked from top to bottom. If duplicate, show only once.
- 3. Display the genes with top ranks first and their ranks corresponding to each PGS score.
- 4. How often does APOE gene occur in Alzheimer?
- 5. Show all information corresponding to the SNP ids that are top-ranked for Alzheimer.
- 6. What are the top 5 most frequently occurring gene in Alzheimer?
- 7. How often does gene APOE occur for Alzheimer?
- 8. Show genes and their frequency for Alzheimer that occur less frequently than APOE?
- 9. Show all information for SNPs with top ranks. If duplicate, show only once.
- 10. Show gene, variants and ranks for SNPs with top ranks. If duplicate, show only once.
- 11. List the variants with top ranks and corresponding all info associated with European Ancestry.
- 12. Plot the PGS score IDs and other info for the top 5 genes with top ranks first in Alzheimer.
- 13. Plot a bar plot top 5 most frequently occurring gene in Alzheimer.
- 14. Plot the PGS score IDs and their count in European Ancestory for Alzheimer