

Challenges and Outcomes

For this project I built a simple database that represents how a small brewery might run. The focus was on showing where ingredients come from, how recipes are saved, how batches of beer get made, and how the beer is finally sold to customers. The main challenge I faced was setting up the foreign keys. At first they caused errors because the columns did not match, but after checking the data types and making sure primary keys were in place the foreign keys worked.

The final database works and can answer useful questions like sales by day or what beers are in stock. This project showed me how to design tables, link them with foreign keys, and generate uml diagrams.