**Project Title: Music Store Relational Database with PostgreSQL**

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During my internship at **Inlighn Tech**, I worked on a hands-on SQL project titled **“Music Store Relational Database with PostgreSQL.”** The goal was to build and analyze a complete music store database using real-world data provided in multiple CSV files. I started by designing a normalized schema with over 10 interconnected tables like artist, album, track, customer, and invoice, each with primary and foreign key constraints. After carefully constructing the database, I imported all datasets, tackled issues like encoding mismatches and constraint violations, and ensured the data was clean, consistent, and fully relational.

Once the database was functional, I wrote SQL queries at increasing difficulty levels. From easy aggregation queries like total spending per customer to more advanced ones like calculating how much each customer spent on each artist using CTEs and multi-table joins — every query taught me something new. I even exported large datasets (2,000+ rows) using the \COPY command and documented everything in a structured PowerPoint presentation. Through this project, I gained deep experience in SQL, data cleaning, schema design, and solving real debugging challenges — all while building something I could truly be proud of.