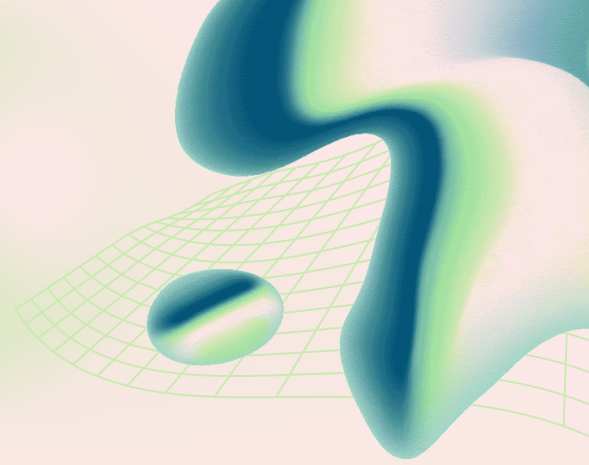# MEITAR APP

Search and insights app for "Meitar" choir – Rehovot

Below is the project itinerary for the Meitar app. This timeline outlines the weekly tasks and deliverables needed to successfully complete the project. Feel free to edit the table as changes and corrections arise.

Project Itinerary

Week	Tasks	Deliverables / Notes	LinkedIn Post Idea
Week 1	Project Setup & Planning	- Finalize schema for repertoire and performance tables - Set up GitHub repo- - Set up VSCode with Python, ruff, Streamlit - Document project goals in README draft	
Week 2	Database Creation & Sample Data	- Create MotherDuck/DuckDB cloud database - Implement repertoire table - Insert sample data - Create performance table with sample rows	
Week 3	Data Cleaning / ETL Scripts	- Write Python scripts to clean old Excel/CSV / handwritten data - Transform into database-ready format - Test insertion into DB - Document ETL process in README	
Week 4	Basic Streamlit App (Search)	- Build search interface: keyword + field selection	

		- Query repertoire table and display results	
		- Display basic info for each piece	
		- Create an insert method for new repertoire	
Week 5	Advanced Search / Program History	- Integrate performance table queries	
		- Search by occasion, date, order in program	
		- Display performance history for a given piece- Add export options	
Week 6	Dashboard Prototypes	- Simple dashboards: most performed pieces, language breakdown, voicing breakdown, accompanied vs. unaccompanied	
		- Use Streamlit charts (Plotly)	
		- Add estimated total program time aggregation	
Week 7	Optional AI Summary (Enhancement)	- Prototype AI-generated summary panel for performances- Example: "This year we performed 3 pieces more than last year…"	

		- Use open-source LLM / text-generation model - Integrate as optional sidebar /	
Week 8	Testing, Polish, Documentation	- Add ruff linting, fix warnings - Prepare final README - Add sample screenshots / videos - Deploy to Streamlit Cloud	