# Documenting Your Approach for Managing Large Datasets

## Steps to Document Approach

1. Open the database.

2. Review strategies for managing large datasets and plan how to implement them in the database.

3. Document the approach for managing large datasets.

### Management Documentation

This section includes detailed steps and considerations for managing large datasets in my database.

Identifying frequently queried columns for indexing:  
 - Analyze query patterns to identify columns that are frequently queried.  
 - Create indexes on these columns to speed up query performance.  
 - Example: Creating an index on the 'Title' column in the 'Tracks' table.

Planning table partitioning based on data access patterns:  
 - Partition large tables into smaller segments based on access patterns.  
 - Example: Partitioning the 'Tracks' table by 'Genre' or 'ReleaseYear'.  
 - This approach helps manage large datasets by distributing the load and improving query efficiency.