**Data Visualization Proposal**

**Title: Music Genres Effects on Anxiety, Depression, and Insomnia**

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**Objective:**  
Develop an interactive dashboard to visualize the effects assorted music genres have on Anxiety, Depression and Insomnia

**Scope:**

* **Data Sources:** Genres database, SQL system.
* **Target Audience:** Public, Classmates.
* **Visualizations:** Interactive bar charts, line graphs, HTML dropdown

**Methodology:**

* **Data Preparation:** Extract and clean data from SQLite database.
* **Design:** Create user-friendly, interactive visualizations using:
  + **Python: hvplot**, Bokeh
  + JavaScript: Plotly, Python
* **Tools:**
  + Python and JavaScript for visualization
  + SQLite for data extraction.

**Timeline:**

* **Planning:** 2 days
* **Development:** 4 days
* **Testing: 2 days**
* **Deployment:** 1 day
* **Completion Date:** September 17, 2024

**Deliverables:**

* **Dashboard:** Interactive genre dashboard.
* **Documentation:** User guide
* **Reports:** Genre mental health.

**Success Metrics:**

* **Criteria:** User satisfaction, data accuracy
* **Feedback: Graded** performance review