

Rap Evolution Analysis

Personal Development Plan By Joel Nilsson DA24

	Task 1	Task 2	Task 3	Task 4
Week 1	Understand project brief and goals.	Research Spotify API	Setup GitHub repo and local environment	Study and Learn Spotify API
Week 2	Gather rap song data (1993-present) from Spotify API.	Perform basic data exploration and descriptive statistics.	Address potential challenges and data quality issues.	
Week 3	Explore rap music trends over time.	Visualise key insights..	Plan mid-way presentation.	
Week 4	Organize findings for presentation.	Practice delivery skills.	Finalize visualizations and explanations.	Mid-way presentation
Week 5	Set up cloud-based database (AWS, Google Cloud) for data storage.	Migrate collected data to the cloud database.	Connect to another API for fetching rap song lyrics.	
Week 6	Finalise Analysis	Apply NLP techniques to analyze rap song lyrics	Refine cloud-based database and data engineering processes	
Week 7	Rehearse final presentation	Record the presentation for submission	Complete project documentation.	
Week 8	Finalize and submit all project materials (presentation, documentation, GitHub repository)	Reflect on personal development and document progress.	Celebrate achievements and identify areas for improvement.	