Instructional Materials:

Read through the documentation for Spotify's Web API

https://developer.spotify.com/documentation/web-api/

Content Presentation and Recording:

Recording of presentation included in submission

Learner Activity:

In this activity, we will create a simple server-side application using Node.js and JavaScript and demonstrate how to:

- Register an application with Spotify
- Authenticate a user and get authorization to access user data
- Retrieve the data from a Web API endpoint

To do so, we will be following Spotify's Quickstart Web API Tutorial available here: https://developer.spotify.com/documentation/web-api/quick-start/

Tasks:

1. Set Up Your Account
2. Register Your Application
3. Prepare Your Environment
4. Create a Project Folder and Files
5. Prompt the User to Login
6. Provide the Application Credentials
7. Call the Spotify Accounts Service
8. Run the Application (Development Mode)
9. Personalize the Application
10. Submit Application for Review

Submission Review:

The students will submit the project folder containing all the code for their application. The grader will then run the application locally and check for functionality with authentication and retrieving Spotify's data correctly. The grader will also check for some personalization of the application (additional data retrieved and displayed, additional user interactions/visualizations, etc. not included in the tutorial).