[90 min] DO: Assignment 9 / Query XML ⏶⏷

Due Apr 11 by 11:59pm   **Points** 100   **Submitting** a file upload
File Types pdf, html, zip, rmd, and rmd   **Available** until Apr 12 at 4:59pm

This assignment was locked Apr 12 at 4:59pm.

Format

Method: Individual.
Materials: **freeformatter.com;** ↗ **(https://freeformatter.com/xml-formatter.html)** R

Instructions

Download this XML file containing information about books (**Books-v3.xml** ↓ **(https://northeastern.instructure.com/courses/63394/files/6999832/download?download_frd=1)**) and save it locally, then write XPath expressions in an R Notebook that evaluate the following queries; display the results in your R Notebook.

1. What are the titles of all books written by "Galos, Mike"? List the titles and the prices.
2. In what genre is the book with id "bk109".
3. What are the titles of the books that sell for the lowest price? (Use the `min` aggregation function)
4. List the title and prices of all books in the "Computer" genre.
5. What is the number of all books that cost less than $5? (Use the `count` aggregation function)

All questions are equally weighted.

Submission

Submit a knitted PDF or HTML document that contains the queries and their results. Add proper headers in your R Notebook for each question.

CS5200.A9.Rubric

Criteria	Ratings			Pts
Q1	**20 pts** **Full Marks**	**10 pts** **Adequate**	**0 pts** **No Marks**	20 pts
Q2	**20 pts** **Full Marks**	**10 pts** **Adequate**	**0 pts** **No Marks**	20 pts
Q3	**20 pts** **Full Marks**	**10 pts** **Adequate**	**0 pts** **No Marks**	20 pts
Q4	**20 pts** **Full Marks**	**10 pts** **Adequate**	**0 pts** **No Marks**	20 pts
Q5	**20 pts** **Full Marks**	**10 pts** **Adequate**	**0 pts** **No Marks**	20 pts
				Total Points: 100