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Encoding data in XML

4 June 2025

Part 1: The data encoded is data about products sold in a store.

Generic format of Data:

Product name, Manufacturer, Category, Subcategory, Weight (ounces), Cost, Price, Number in Stock, On Sale this week? (Yes/No), Available Online? (Yes/No)

Data to be encoded:

- Frosted Flakes, Kellogg's, Breakfast, Cereal, 13.5, 2.99, 5.99, 75, No, Yes
- Lucky Charms, General Mills, Breakfast, Cereal, 10.5, 3.25, 4.50, 125, Yes, Yes
- Steel Cut Oats, Quaker Oats, Breakfast, Oatmeal, 25.0, 4.00, 1.75, 40, No, No
- Bounty Select-A-Size, Proctor and Gamble, Paper Products, Paper Towels, 76.5, 9.99, 14.99, 30, Yes, Yes
- Charmin Ultra Soft, Procter and Gamble, Paper Products, Toilet Paper, 123.2, 12.99, 28.00, 12, No, No
- Kleenex Tissues, Kimberly-Clark, Paper Products, Facial Tissue, 24.0, 2.89, 4.99, 36, Yes, No

Part 2: The data being encoded is about a ride share service, like Uber.

- Rider Information

At least 10 riders with 3 pieces of descriptive information

- Ride Information

At least 10 rides with at least 3 pieces of descriptive information