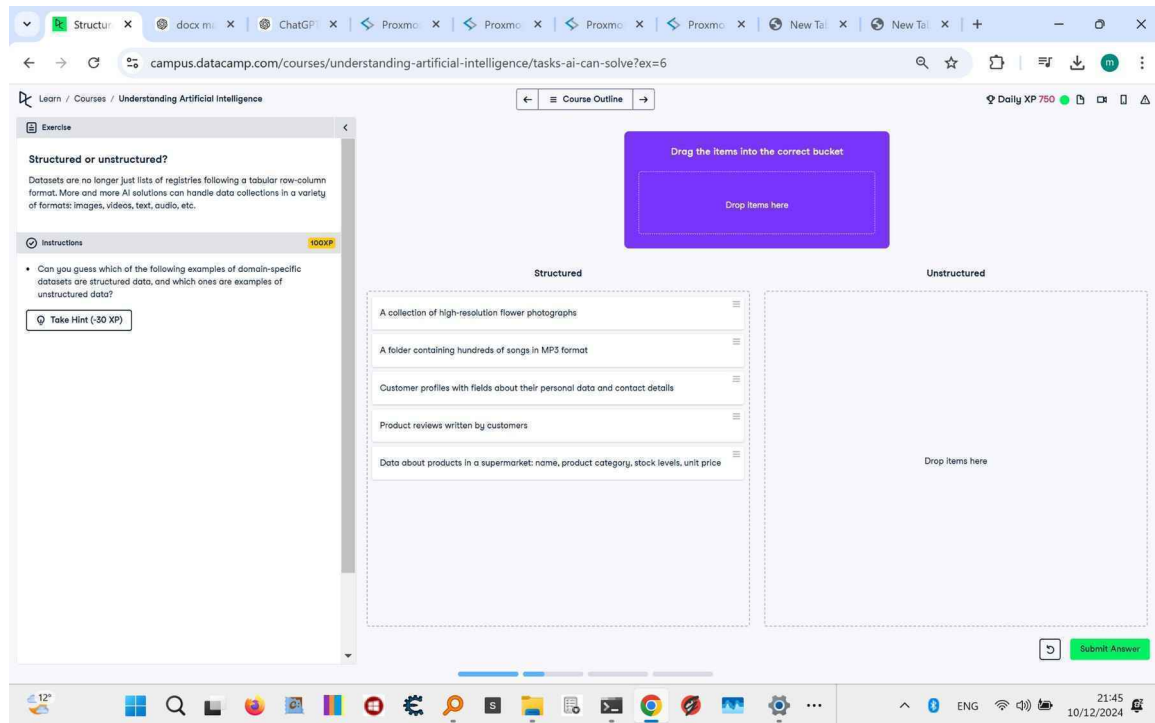# Structured or Unstructured Data?

Question

Datasets are no longer just lists of registries following a tabular row-column format. More and more AI solutions can handle data collections in a variety of formats: images, videos, text, audio, etc.

Can you guess which of the following examples of domain-specific datasets are structured data, and which ones are examples of unstructured data?

Solution

Structured Data:
- Customer profiles with fields about their personal data and contact details
- Data about products in a supermarket: name, product category, stock levels, unit price

Unstructured Data:
- A collection of high-resolution flower photographs
- A folder containing hundreds of songs in MP3 format
- Product reviews written by customers

Explanation

1. **Structured Data:**
- Includes information that is organized and stored in predefined fields (e.g., customer profiles, product details). This data is easily searchable and analyzable in tabular formats.

2. **Unstructured Data:**
- Includes formats like images, audio files, and free-text reviews, which do not follow a predefined structure. This data requires specialized techniques like Natural Language Processing or Computer Vision for analysis.