**13.12.2023**

**Building a Wardrobe: Reference Image Paths**

**Curating Reference Images:**

In this week, we embark on the journey of crafting a digital wardrobe that forms the backbone of our clothing recommendation system. The focus is on the meticulous selection of reference images representing various clothing categories, ensuring diversity and inclusivity.

**Selection Process:** Selection of reference images for each clothing category.

**Extracting Clothing Features for References:**

With the foundation laid by our curated digital wardrobe, we delve into the technical aspect of feature extraction using ResNet50. This process is fundamental for preparing the groundwork for subsequent similarity comparisons between user-provided images and reference images.

**Using ResNet50:** Understand and learn how to leverage ResNet50 to reveal distinctive features for each reference image and capture the essence of apparel.

**Preparation for Comparison:** We prepared the groundwork for the similarity comparison process by converting reference images into feature representations.

**In summary,** by meticulously curating a digital wardrobe and leveraging the power of ResNet50 to reveal the essence of each piece of clothing, we began to lay the foundation for a robust and effective clothing recommendation system.