Randy Otoo

Data Visualization - **Project 1**

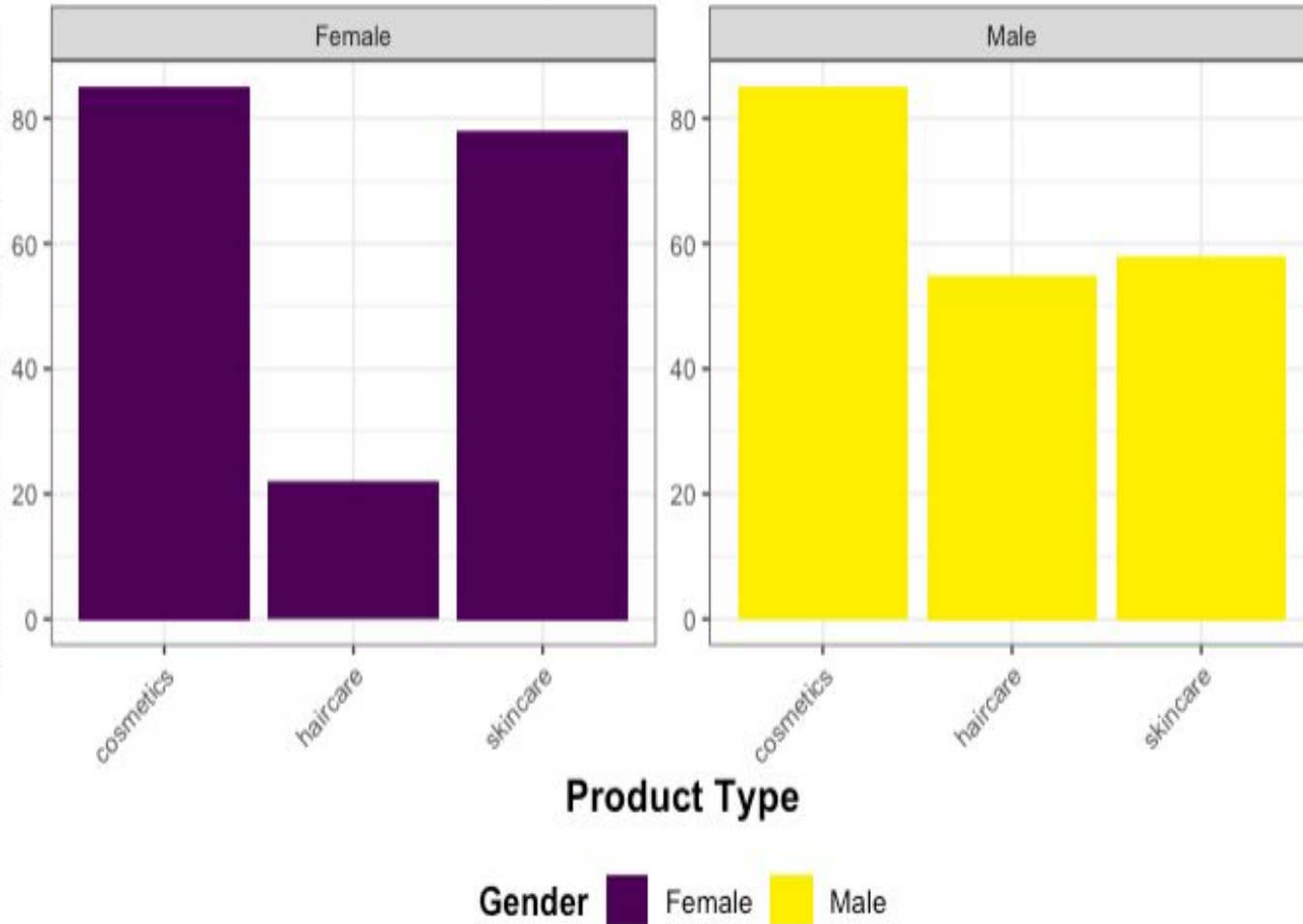Supply Chain Analysis of Beauty products

Overview of Dataset

- Highlights supply chain analytics of a Fashion and Beauty start-up business in India.

- Particularly interested in a number of variables of the dataset: Product type, Revenue generated, Price, Production volumes, Number of Products sold. etc.
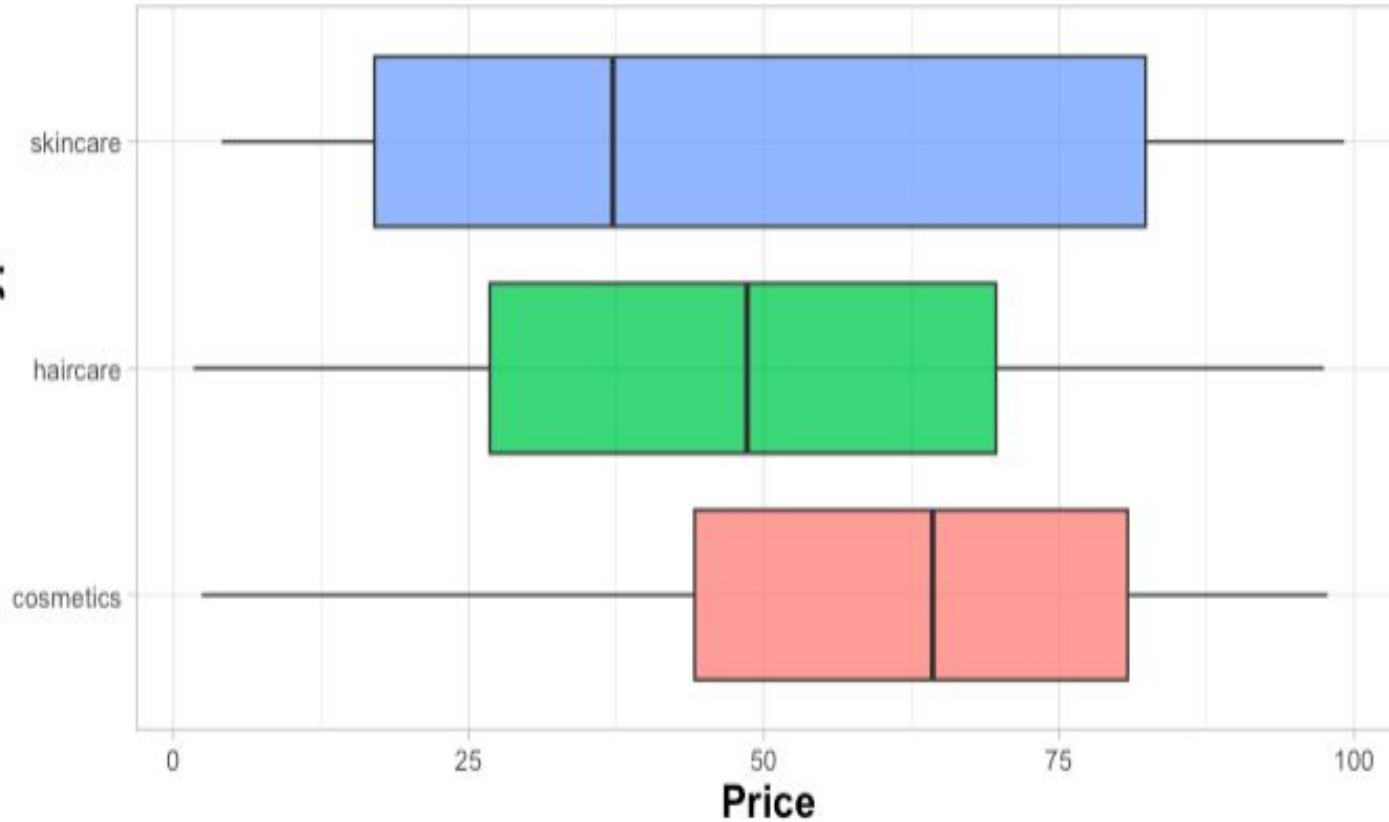
Products Types Ordered by Gender

★ Both males and females ordered about the same number of cosmetics.

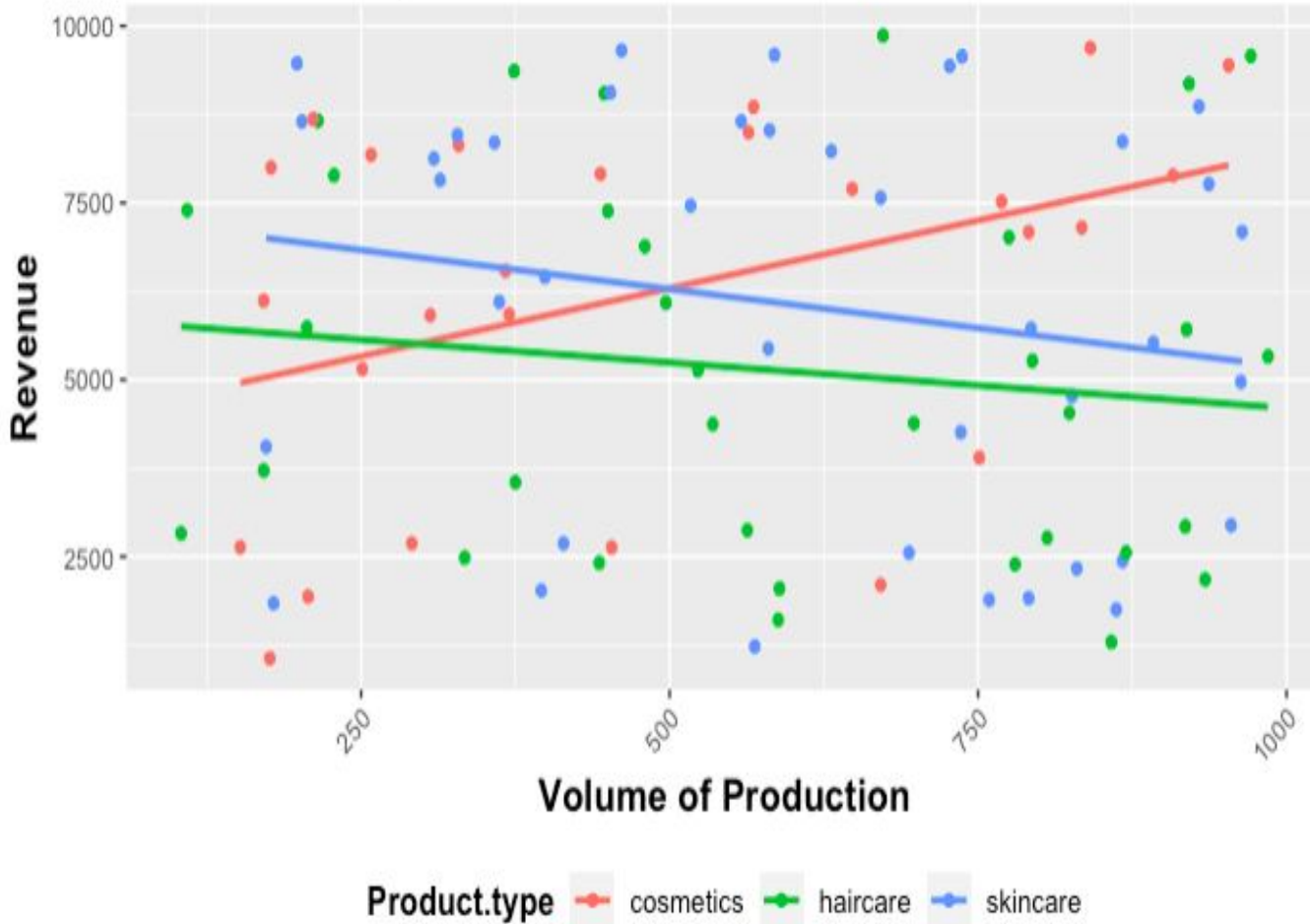★ Men ordered more hair care products than females.

Price by Product Type

Product Type 🟥 cosmetics 🟩 haircare 🟦 skincare

➜ **Boxplots showing price distribution of skincare, haircare and cosmetics..**

➜ **Skincare has the widest box, indicating a greater variability in prices.**

➜ **There are no visible outliers in any of the product categories.**

Relationship between Revenue and Production Volumes

❏ Revenue and Production volumes for three distinct product categories: skincare, haircare, and cosmetics.

❏ Cosmetics shows positive correlation.

❏ Haircare shows little to no correlation.

❏ Skincare shows negative correlation.