

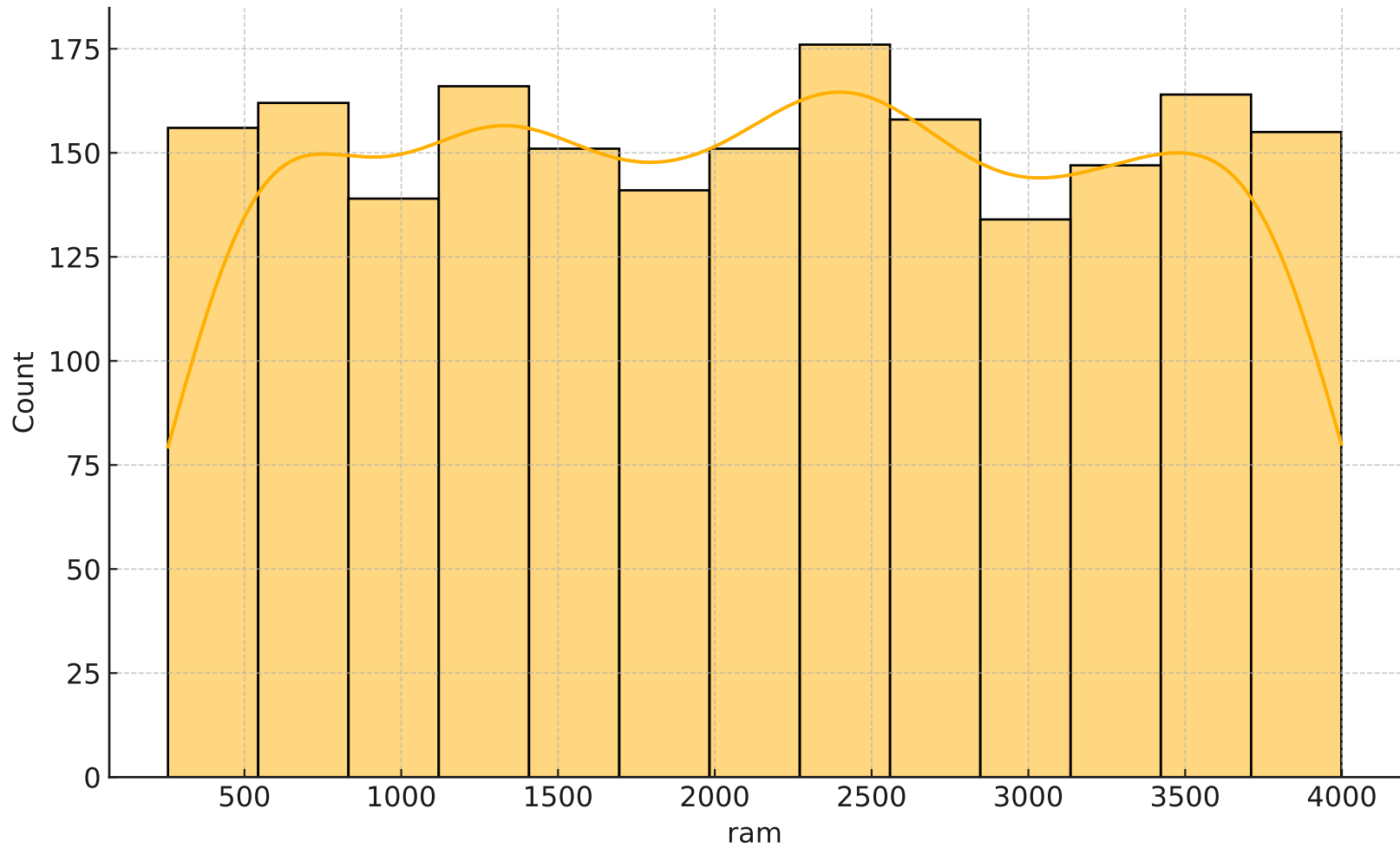
Exploratory Data Analysis Report

Mobile Price Dataset

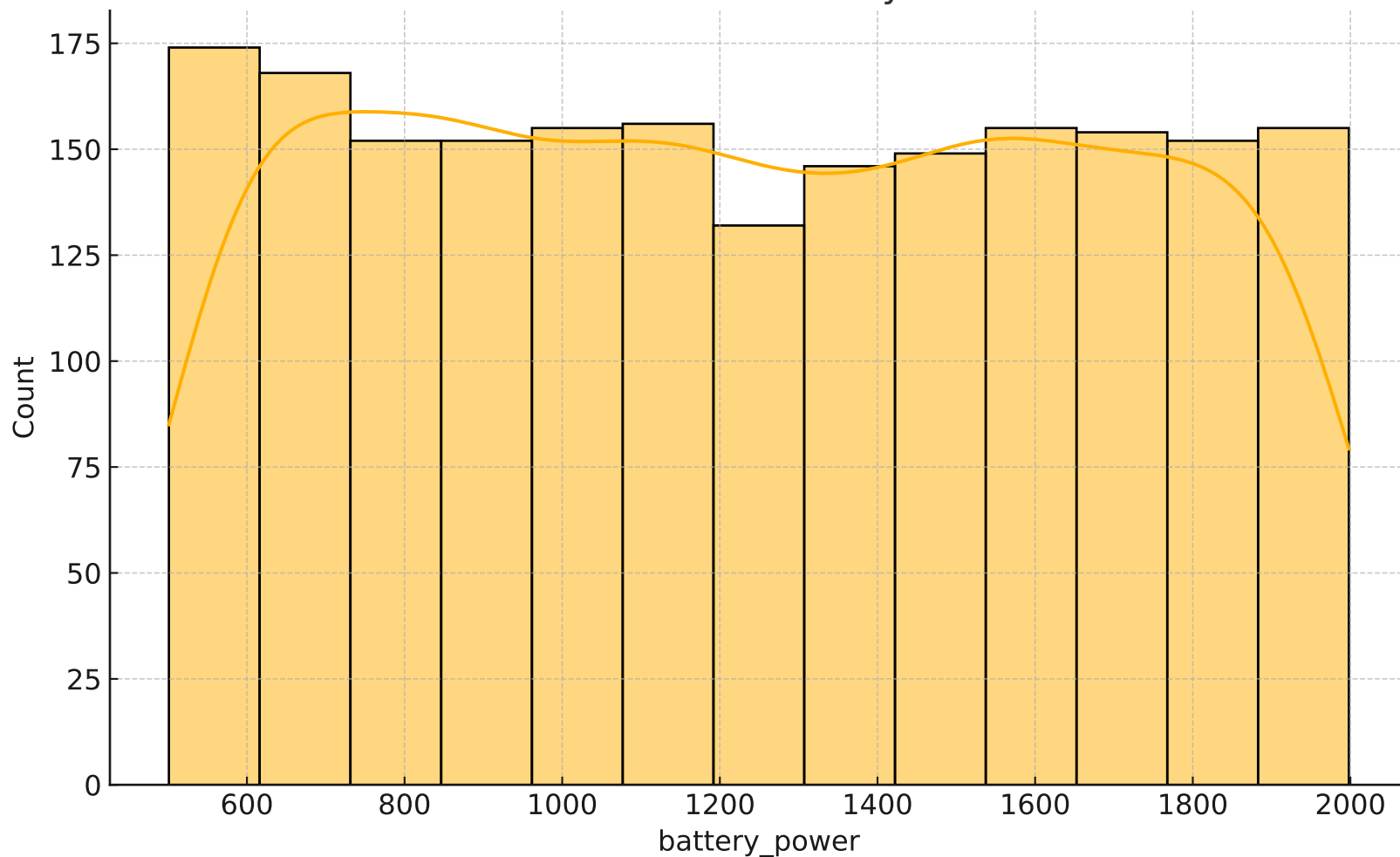
Dataset Shape: 2000 rows × 21 columns

- RAM shows a very strong positive correlation (~ 0.92) with price_range.
- Battery power has a mild positive correlation (~ 0.20) with price.
- Higher screen resolution (px_height, px_width) relates to higher price tiers.
- Categorical connectivity features (3G, 4G) on their own are weak predictors.
- No missing values detected; data is complete.

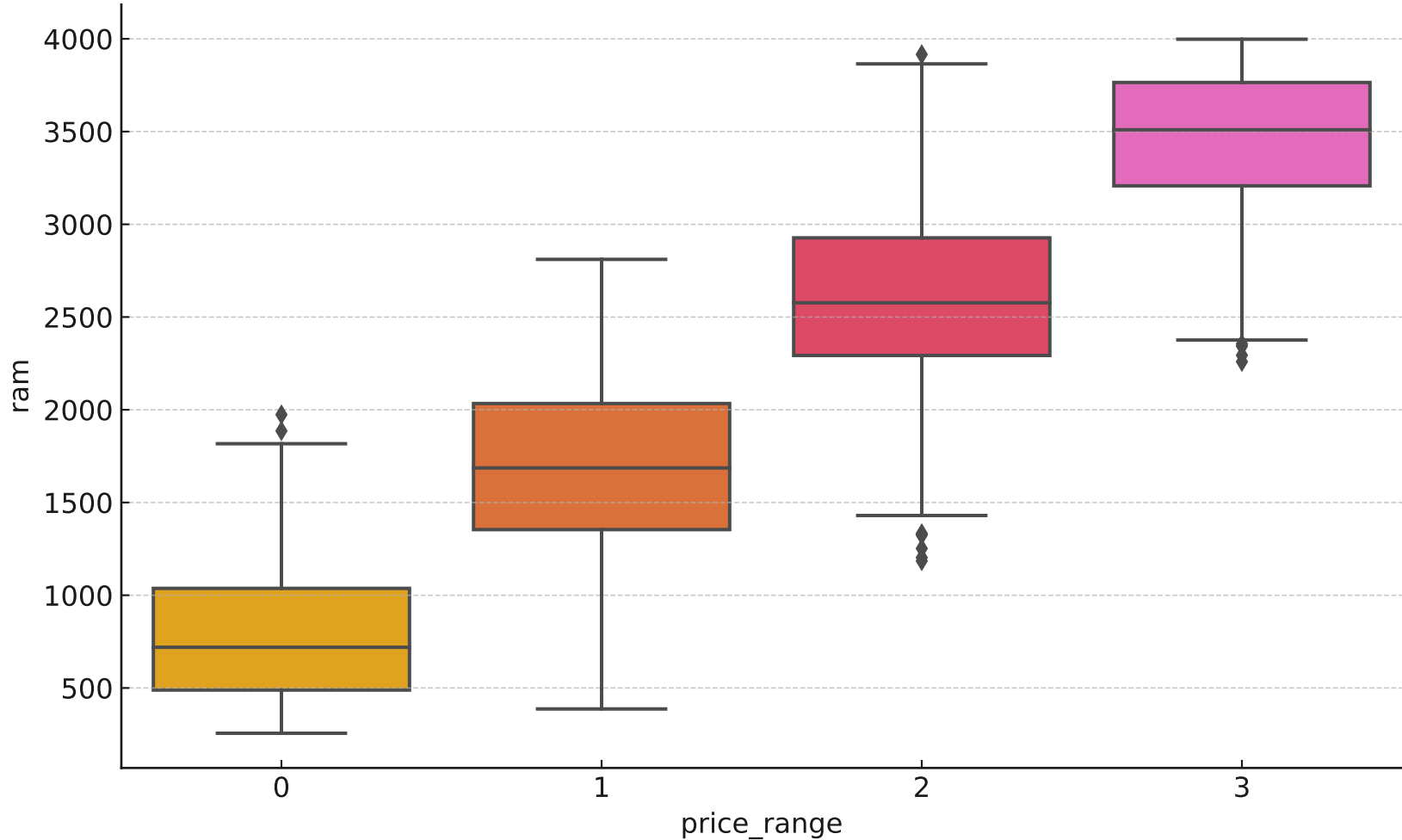
Distribution of RAM



Distribution of Battery Power



RAM by Price Range



Correlation Heatmap

