

## D.E.A.D Dataset - Data Exploration

Feature explored	Data type
Region	Categorical
Nation	Categorical
Number of orders	Numerical
Delivery time	Numerical
Number of products sold	Numerical
Amount of revenue per product	Numerical

The regions with the most customers are Amnian Empire (439 customers) (Fig 1). The product type with largest number of product are adventuring equipment (670 products) (Figure 2). There is seasonal trend in the number of monthly order, with the trough in February and the peak around (Fig 3). The delivery time is mostly stable over time with median of 7 days (Fig 4). The product that was sold the most was Quarterstall (24855 products sold), and Broom of Flying was sold the least (Fig 5). Product “Greatsword” brought the most yearly revenue (4.68 million CP, in 2022) (Fig 6).

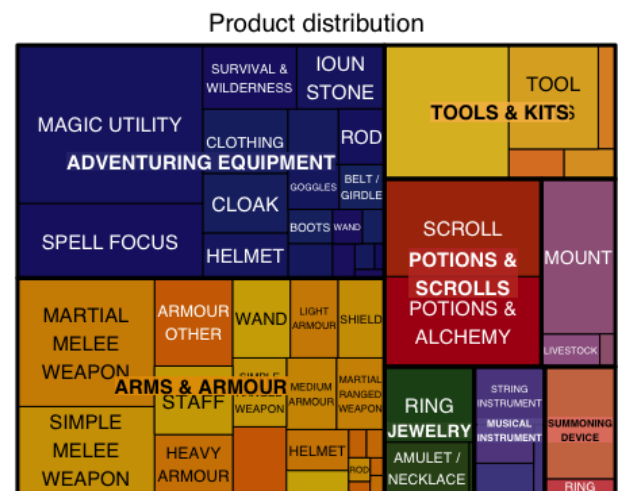
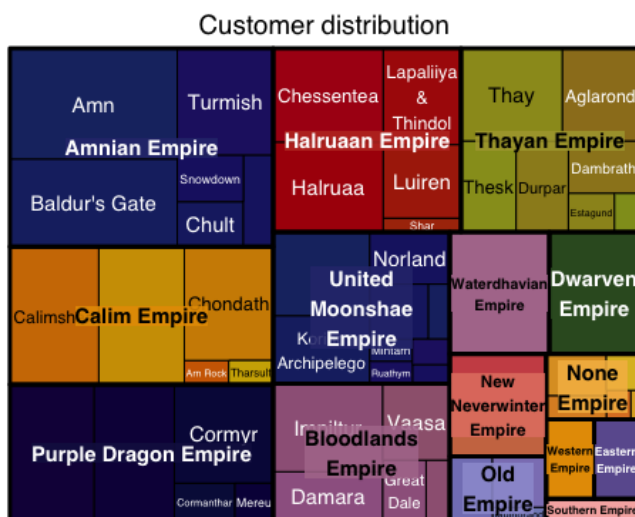


Figure 1. Distribution of customers per Nation and Region

Figure 2. Distribution of D.E.A.D products

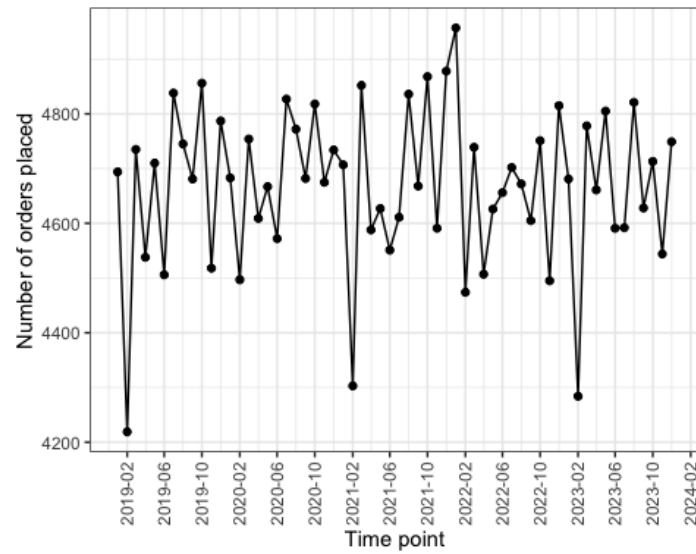


Figure 3. Total number of orders over time

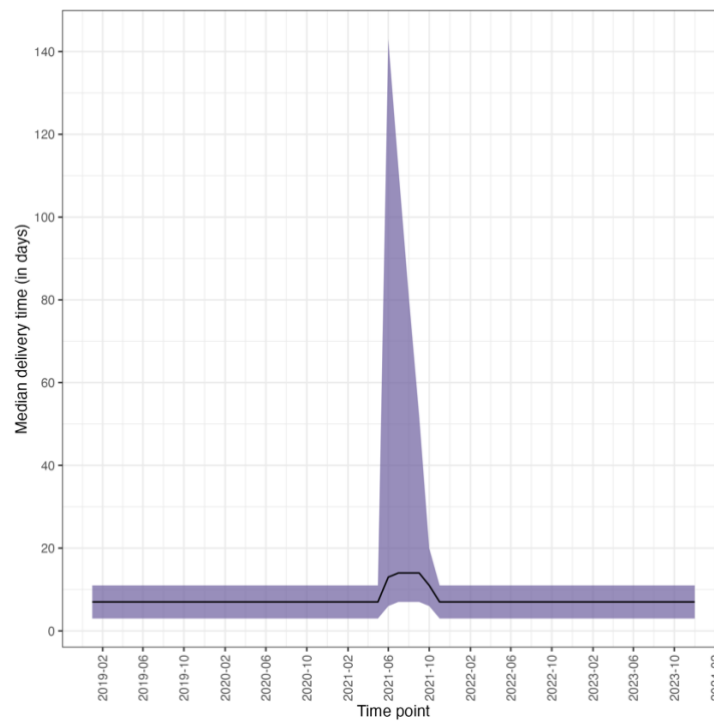


Figure 4. Delivery time over time. Black line indicates median number of days, purple ribbons indicate interquartile range

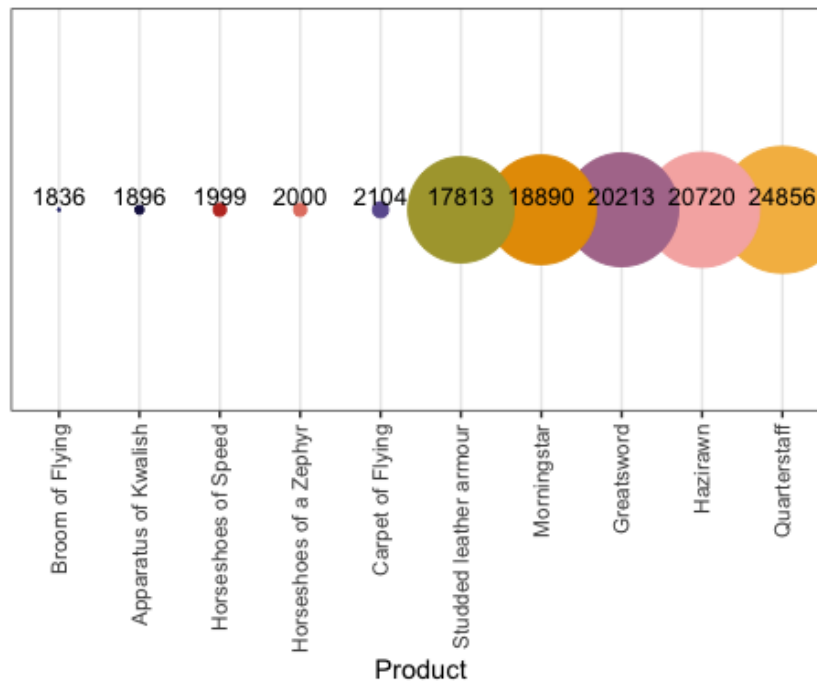


Figure 5. Top 5 most sold and least sold products

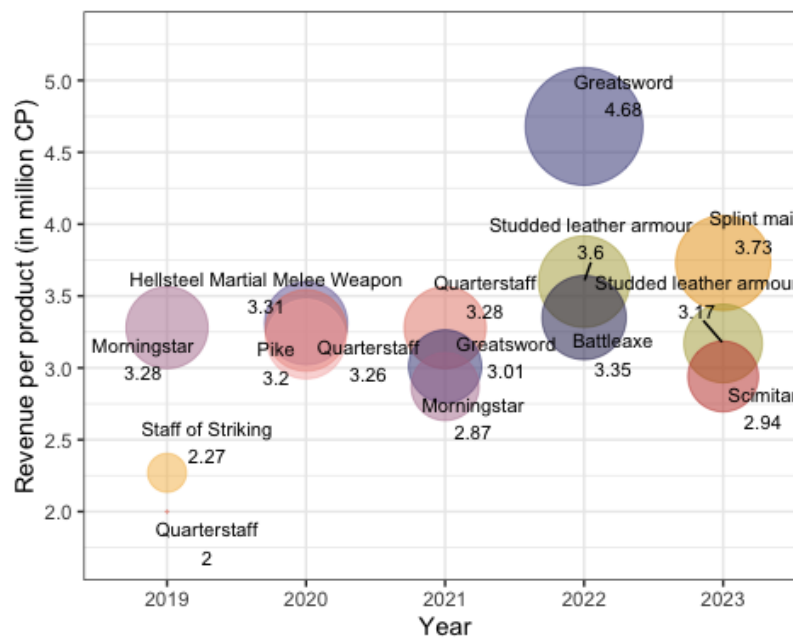


Figure 6. Top 3 products that brought highest revenue per year