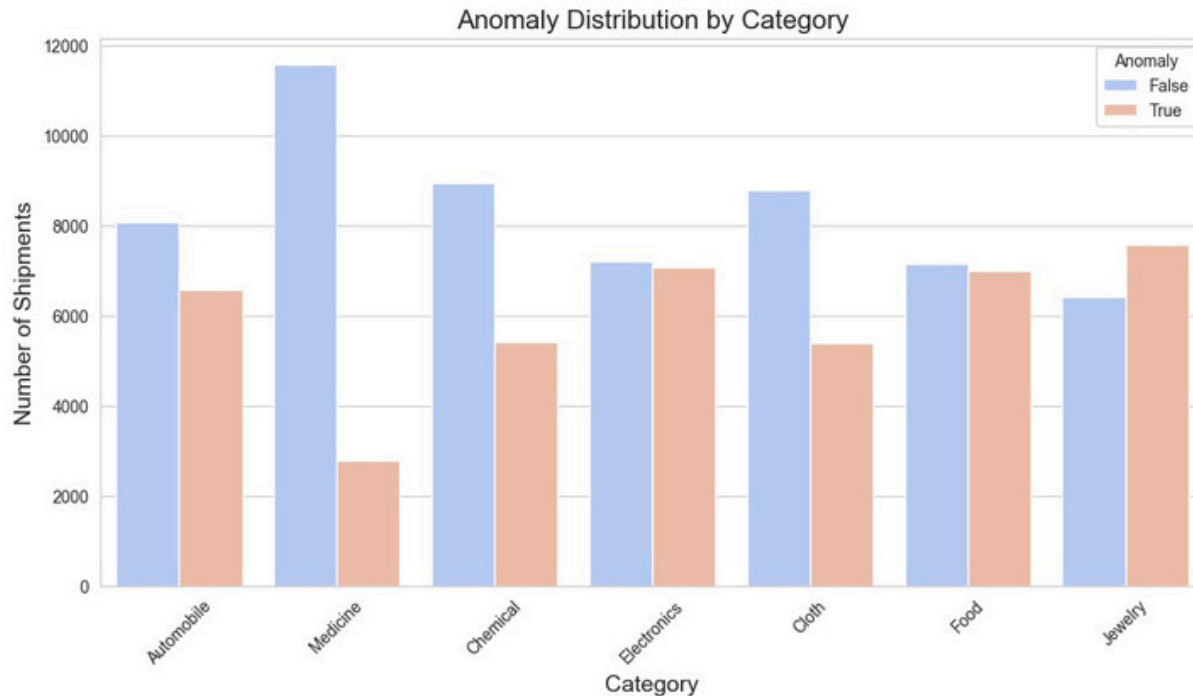
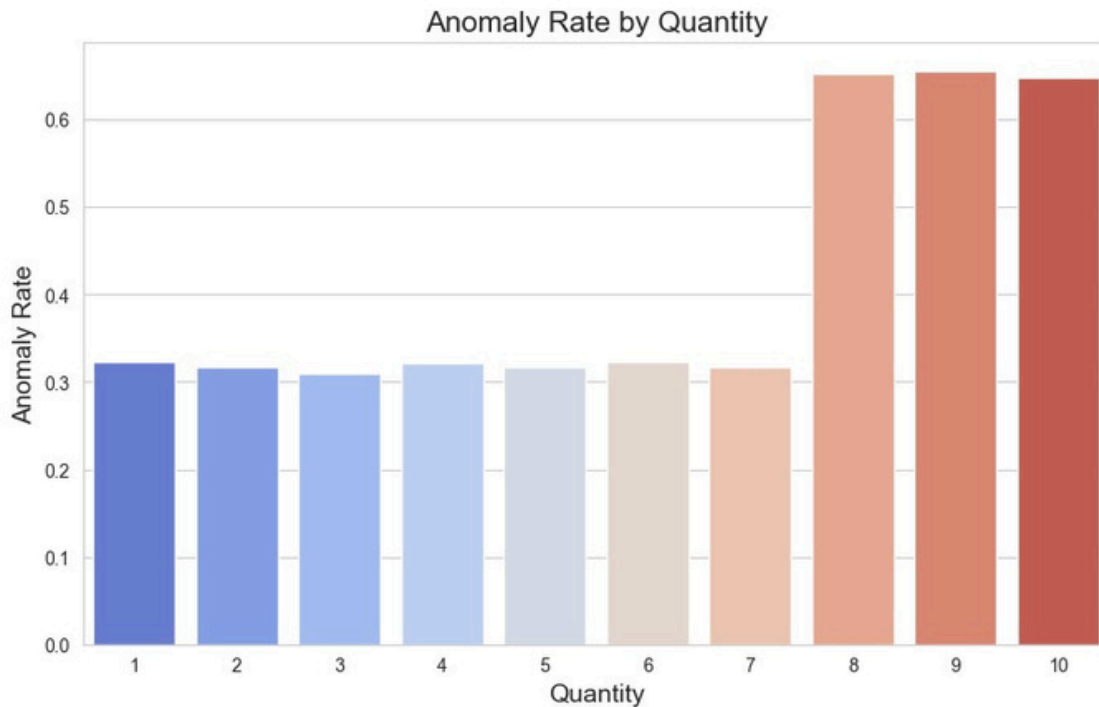


# Visualization of Shipments Data

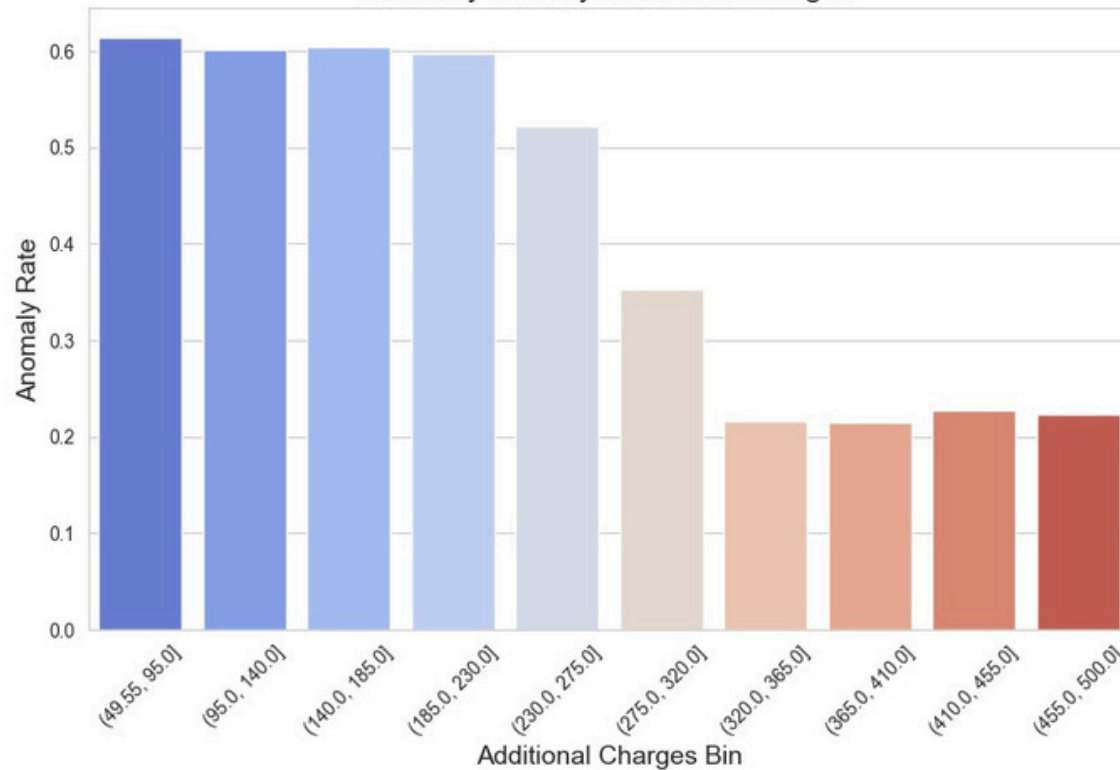


- This graph highlights the frequency of **compliance anomalies** across different shipment categories.
- Businesses can use this insight to focus on **high-risk categories** (e.g., medicines, chemicals) and implement stricter **validation checks** to reduce **shipment delays**.



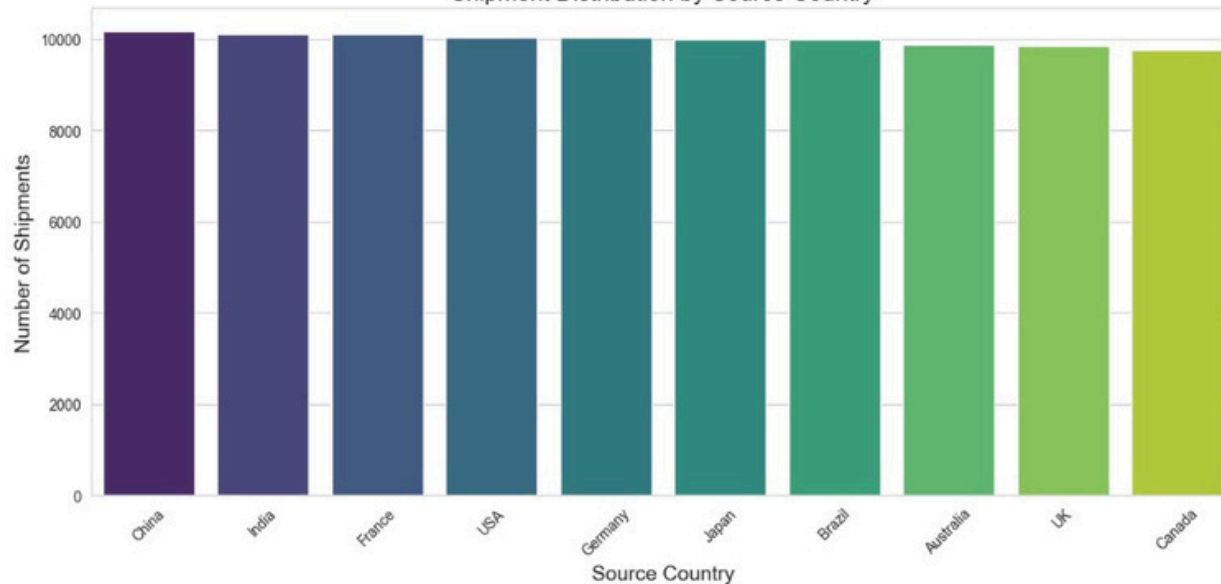
- Shipments with higher quantities (8-10 items) show an increased likelihood of anomalies, possibly due to **bulk restrictions** or documentation errors.
- Businesses can optimize packaging and **documentation workflows** to ensure smoother customs clearance for bulk shipments.

Anomaly Rate by Additional Charges

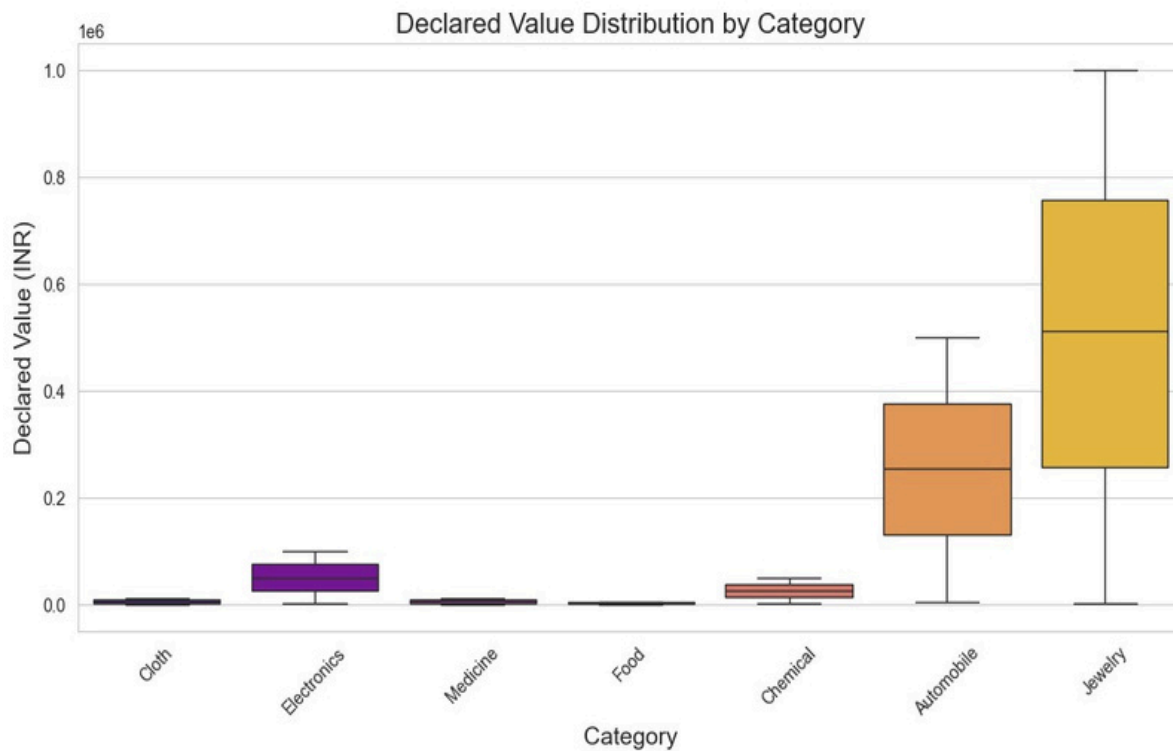


- **Higher additional charges** correlate with a higher anomaly rate, suggesting that expensive shipments often face compliance issues.
- Logistics firms can refine pricing strategies and offer **premium compliance** services to **mitigate risks** for high-value shipments.

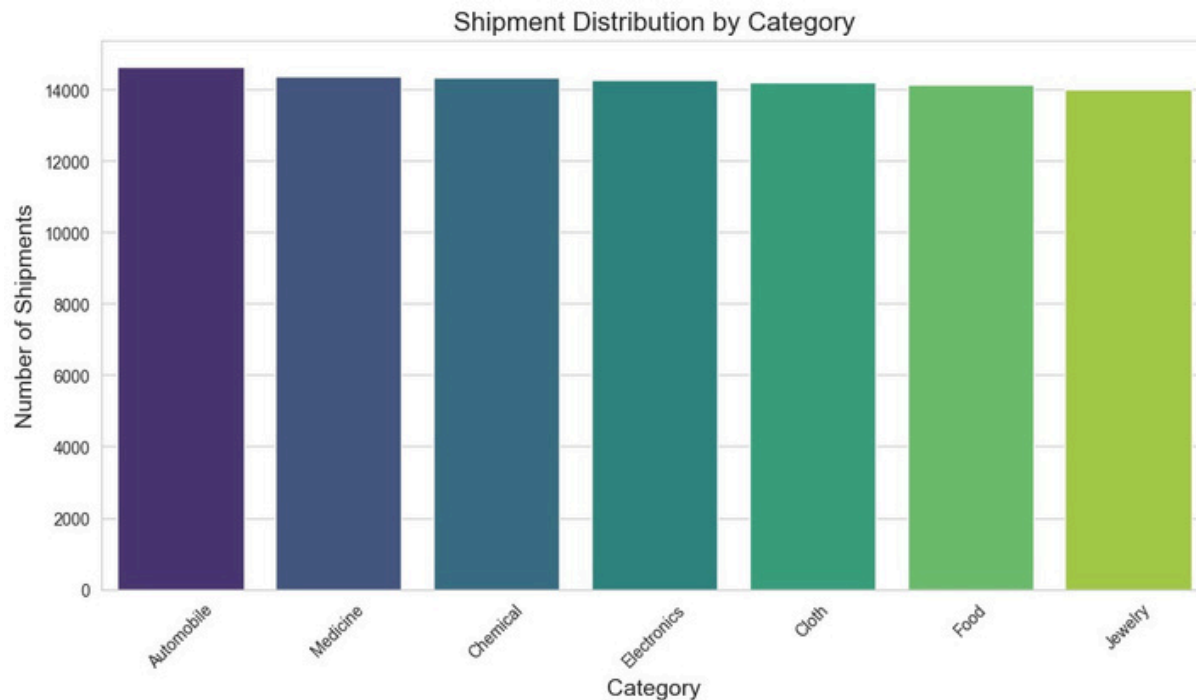
Shipment Distribution by Source Country



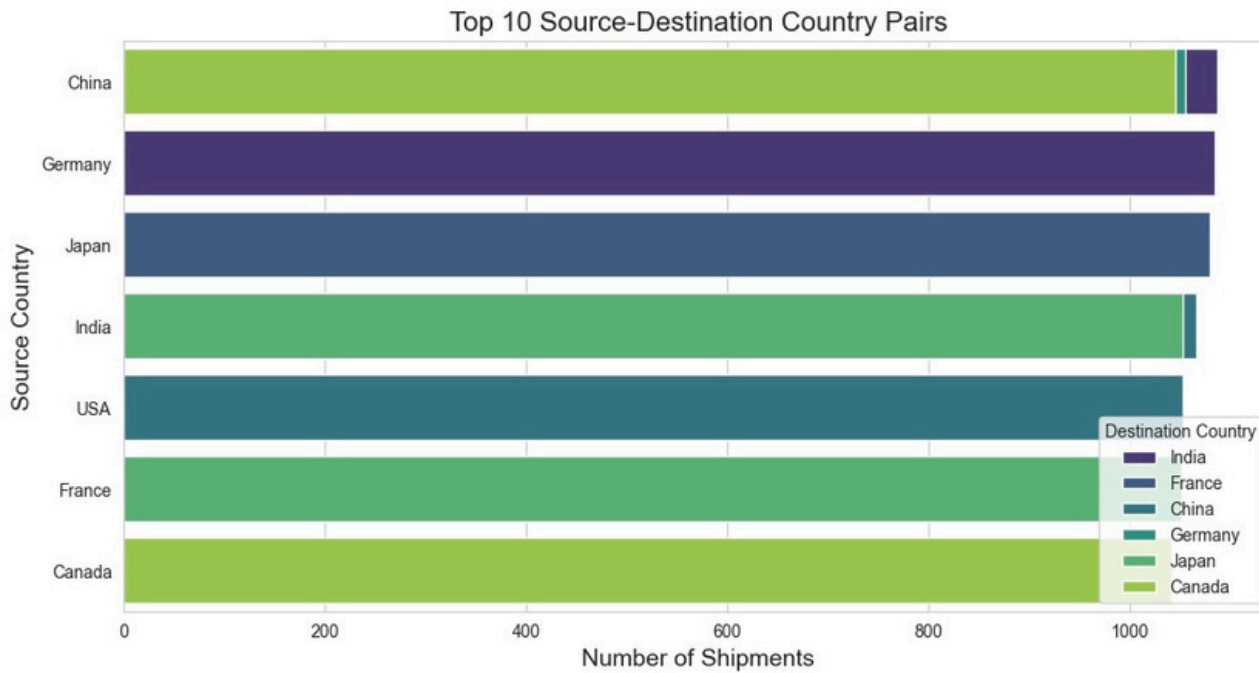
- This graph shows the most **active exporting countries**, helping businesses identify key markets for compliance optimization.
- Logistics companies can tailor country-specific compliance solutions to reduce shipment **rejections and delays**.



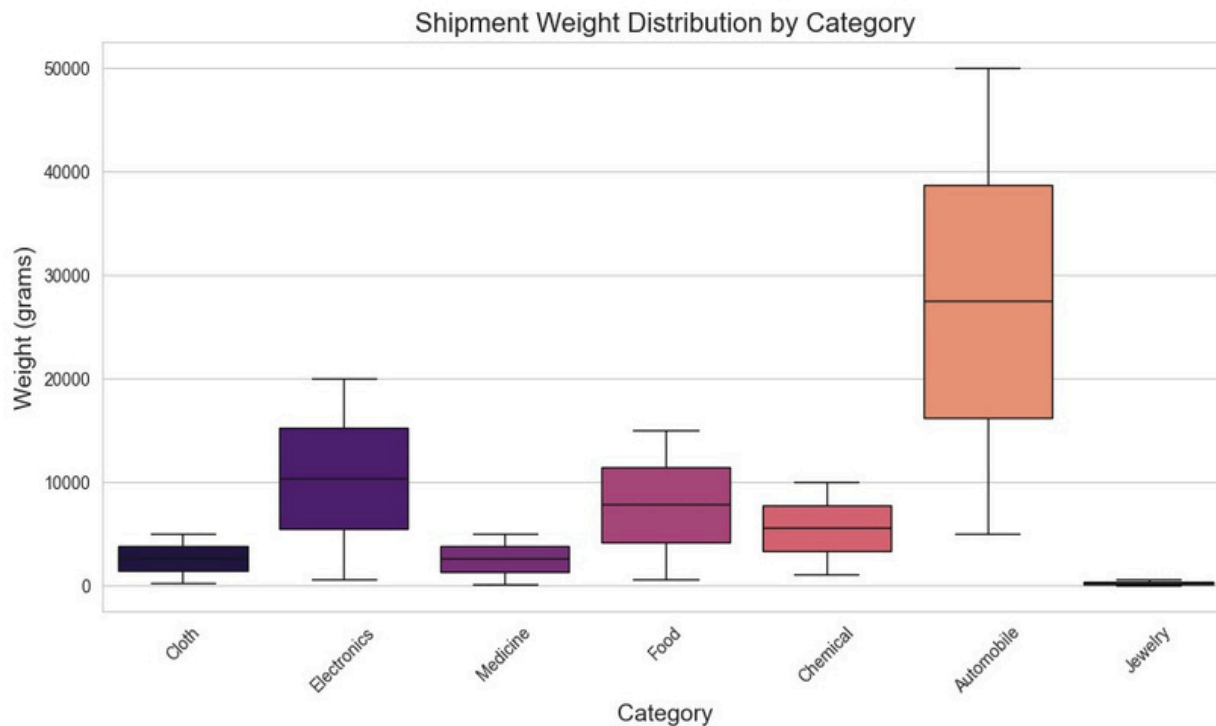
- Categories like automobiles and jewelry have **high declared values**, making them prone to customs scrutiny.
- Companies can implement automated valuation checks to avoid **underreporting or misclassification issues**.



- A balanced distribution across categories suggests **diverse business operations**, requiring a flexible compliance framework.
- Businesses can **prioritize automation** in frequently shipped categories to speed up processing.



- Identifies the most common international trade routes, enabling logistics firms to **streamline customs processes** for high-volume corridors.
- Companies can develop **predictive compliance models** based on frequent shipment patterns.



- Heavyweight shipments (e.g., automobiles) have significant variance, possibly leading to **weight-based tariffs or handling restrictions**.
- Optimizing weight declarations can help reduce unexpected shipping costs and **improve operational efficiency**.