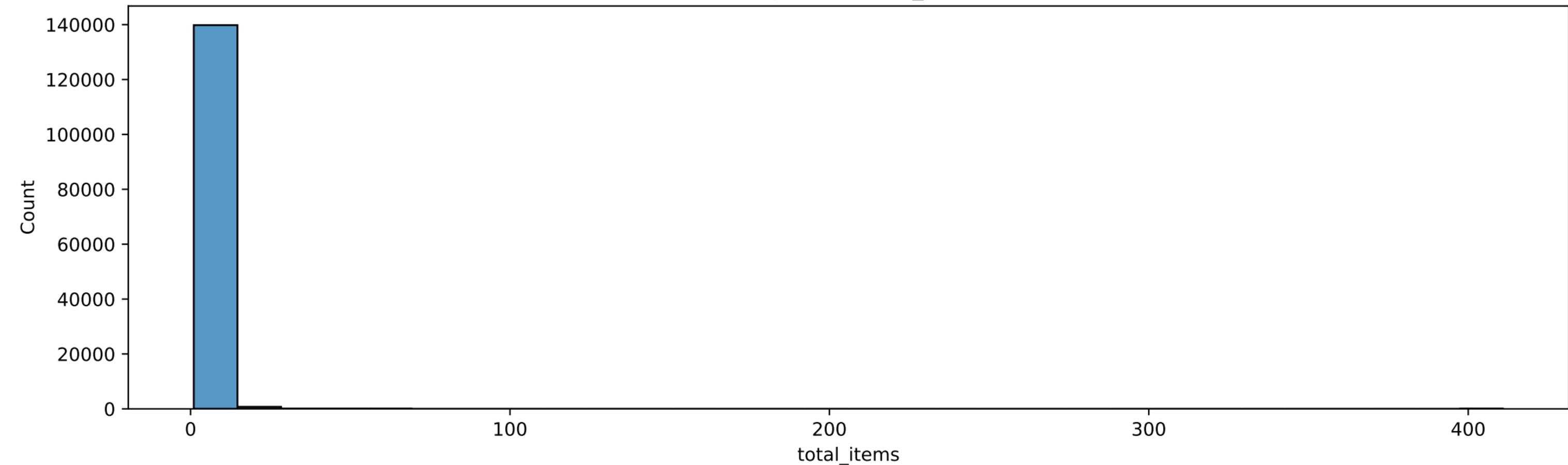
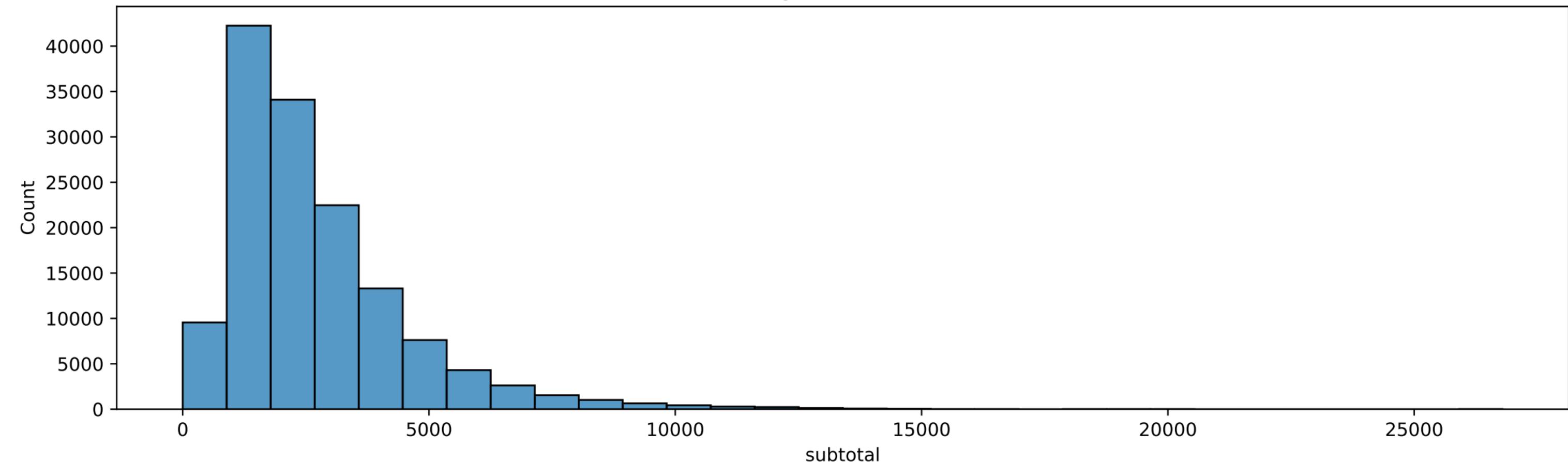


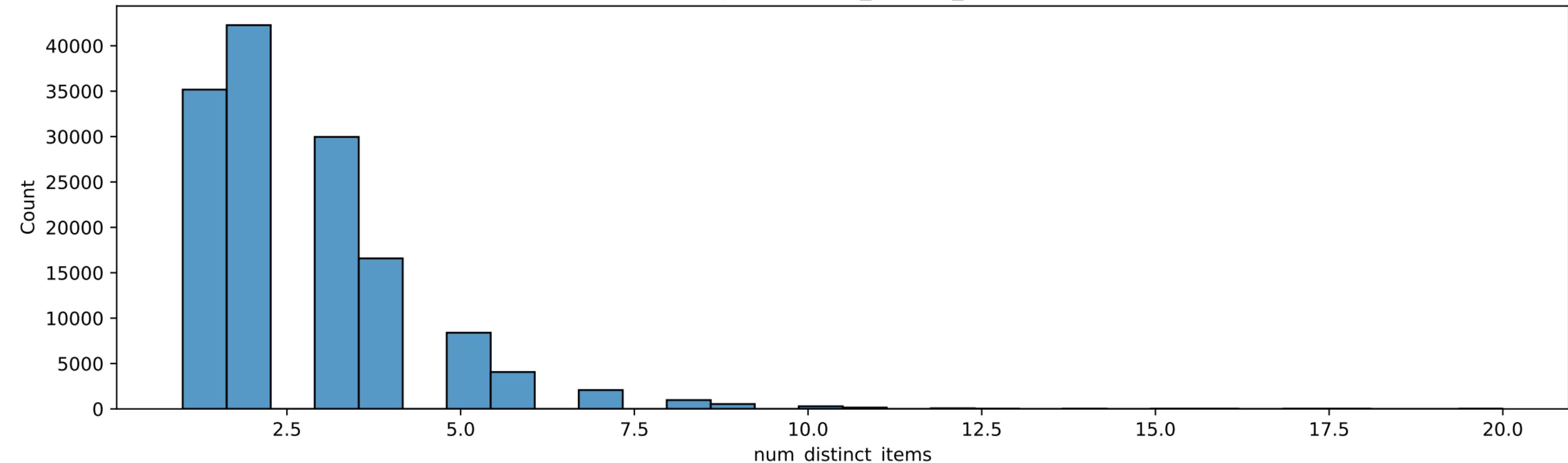
### Histogram of total\_items



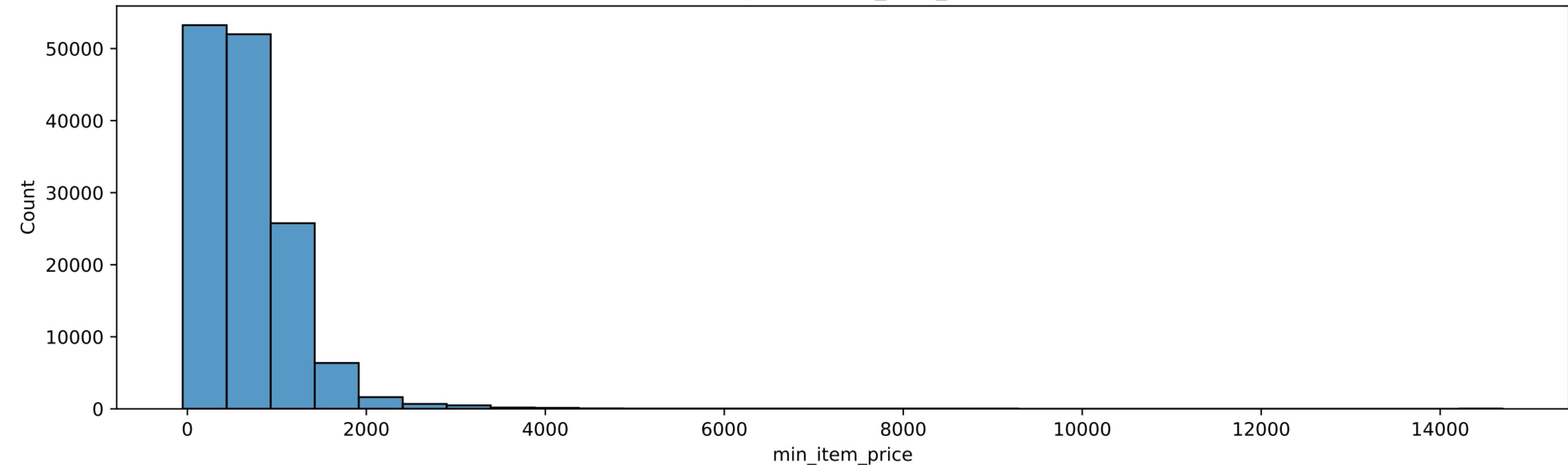
### Histogram of subtotal



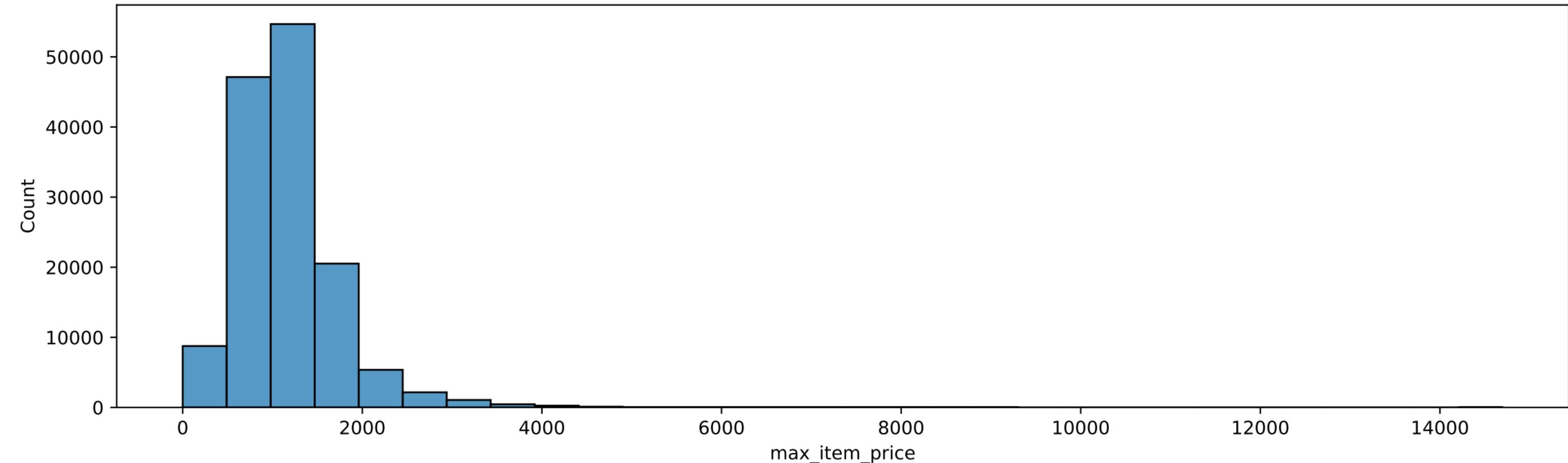
### Histogram of num\_distinct\_items



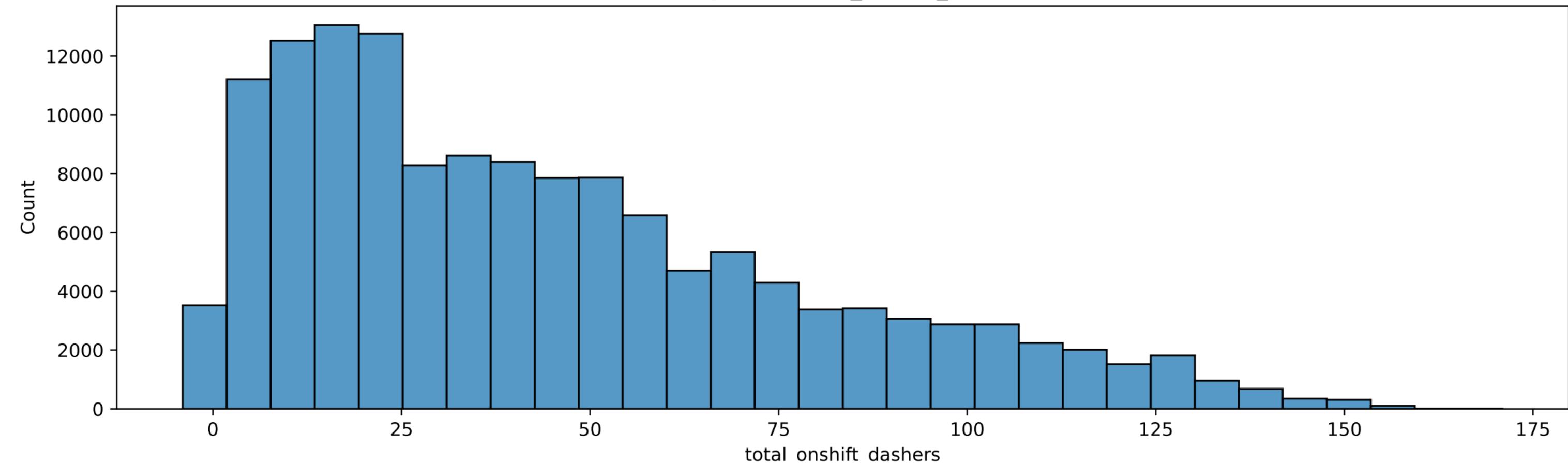
### Histogram of min\_item\_price



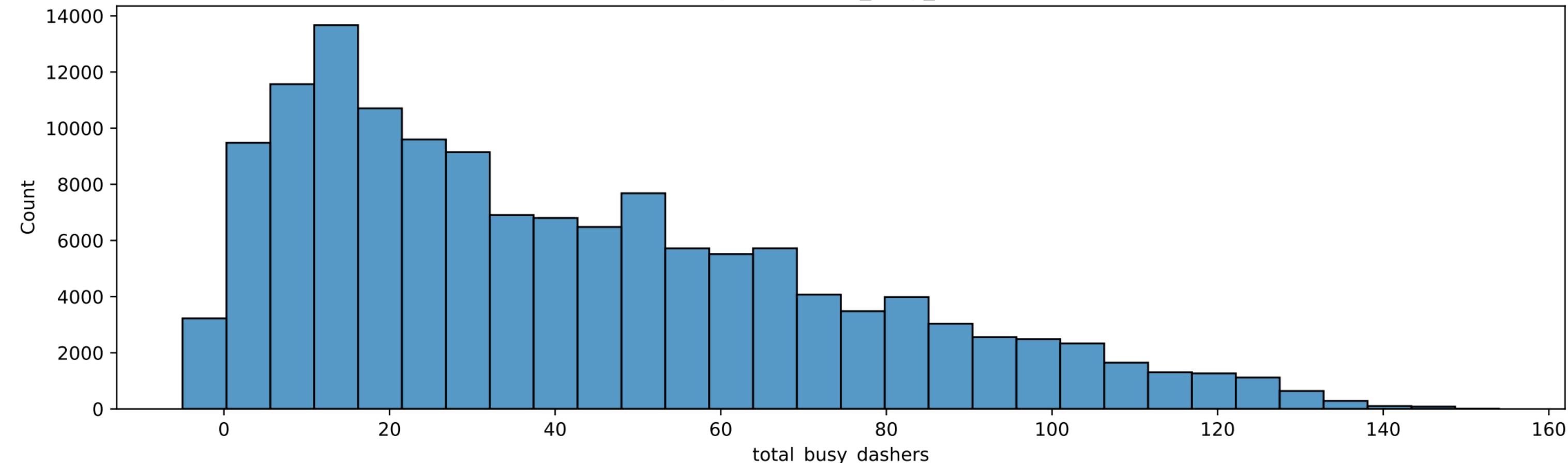
### Histogram of max\_item\_price



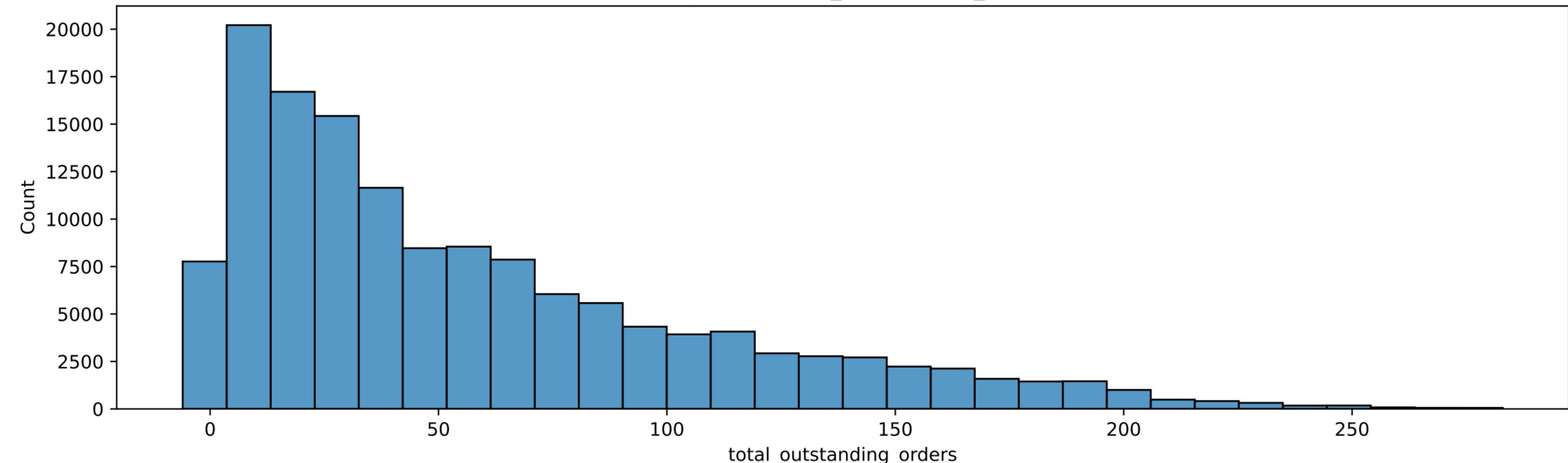
### Histogram of total\_onshift\_dashers



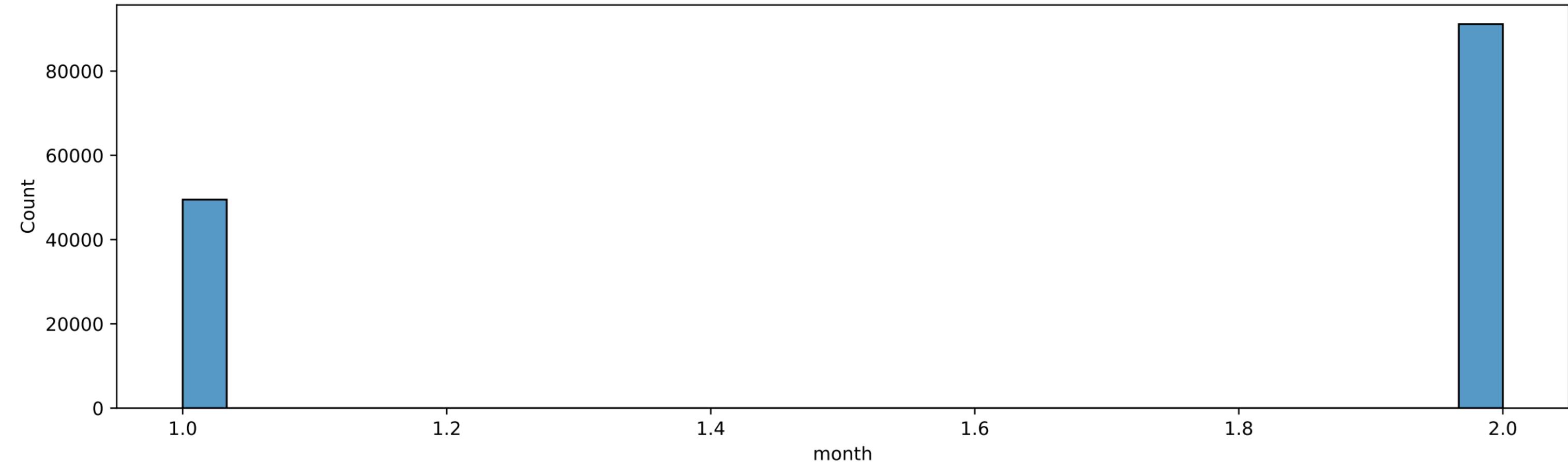
### Histogram of total\_busy\_dashers



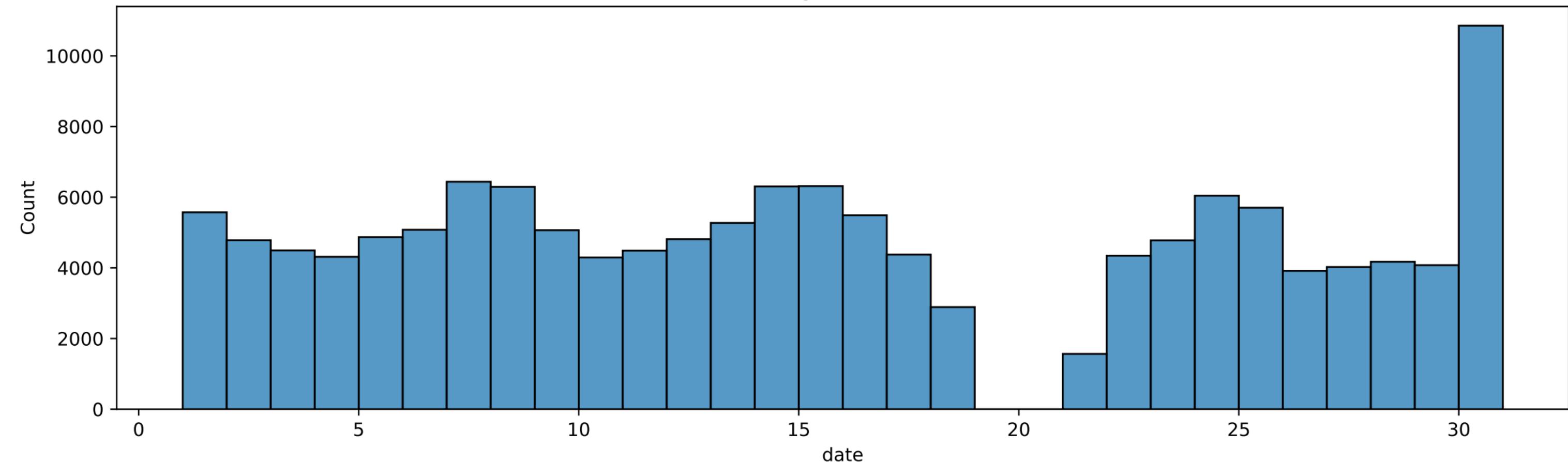
### Histogram of total\_outstanding\_orders



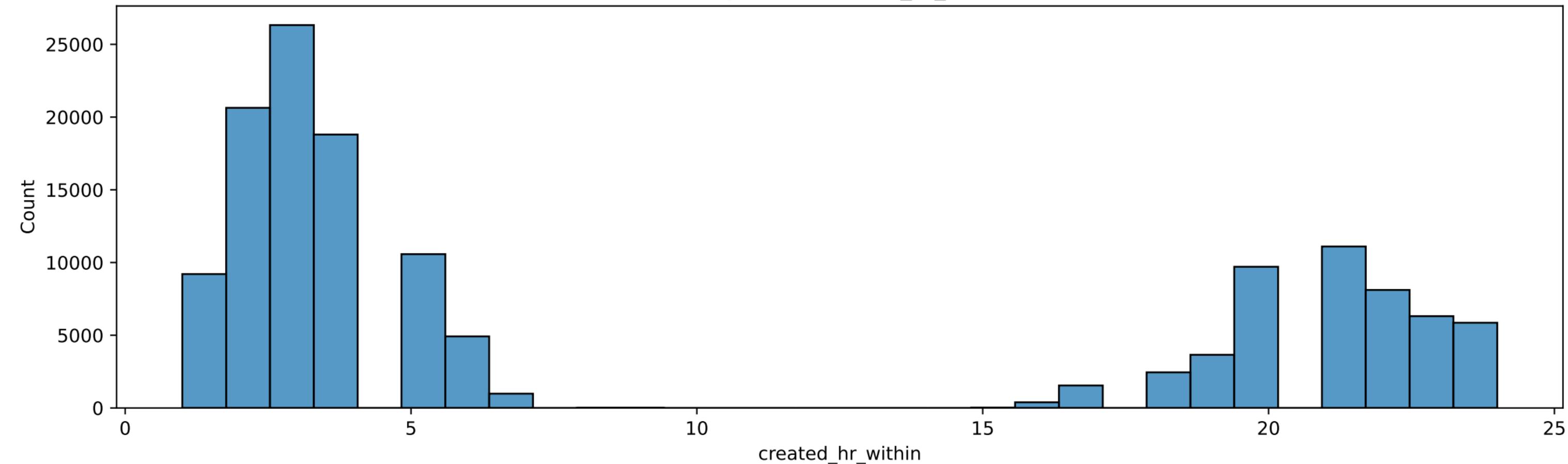
### Histogram of month



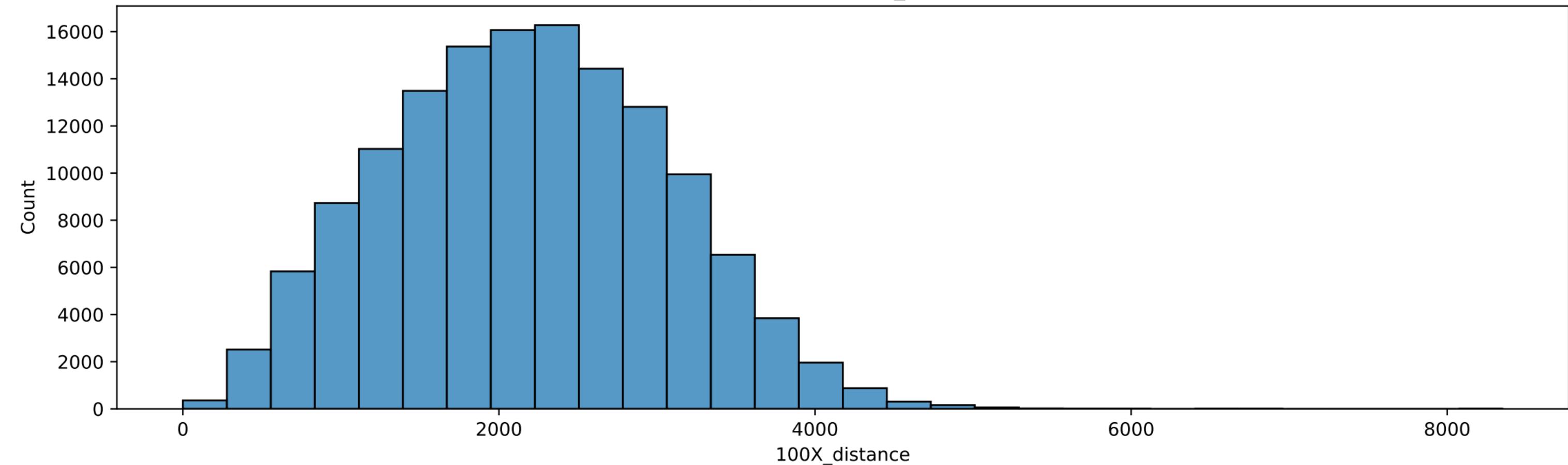
### Histogram of date



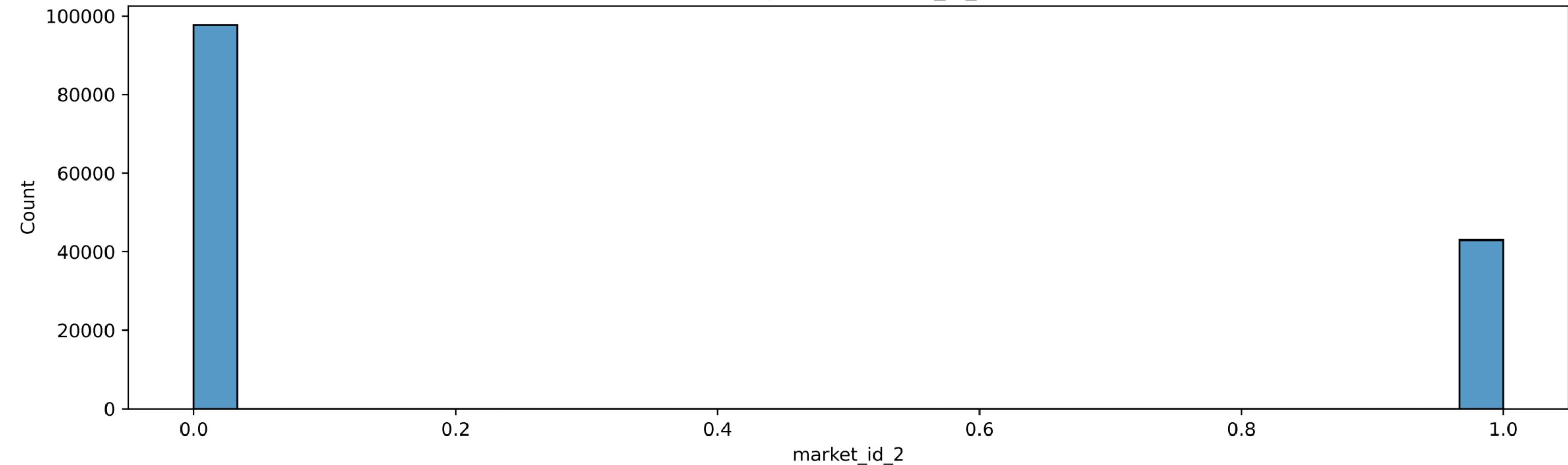
### Histogram of created\_hr\_within



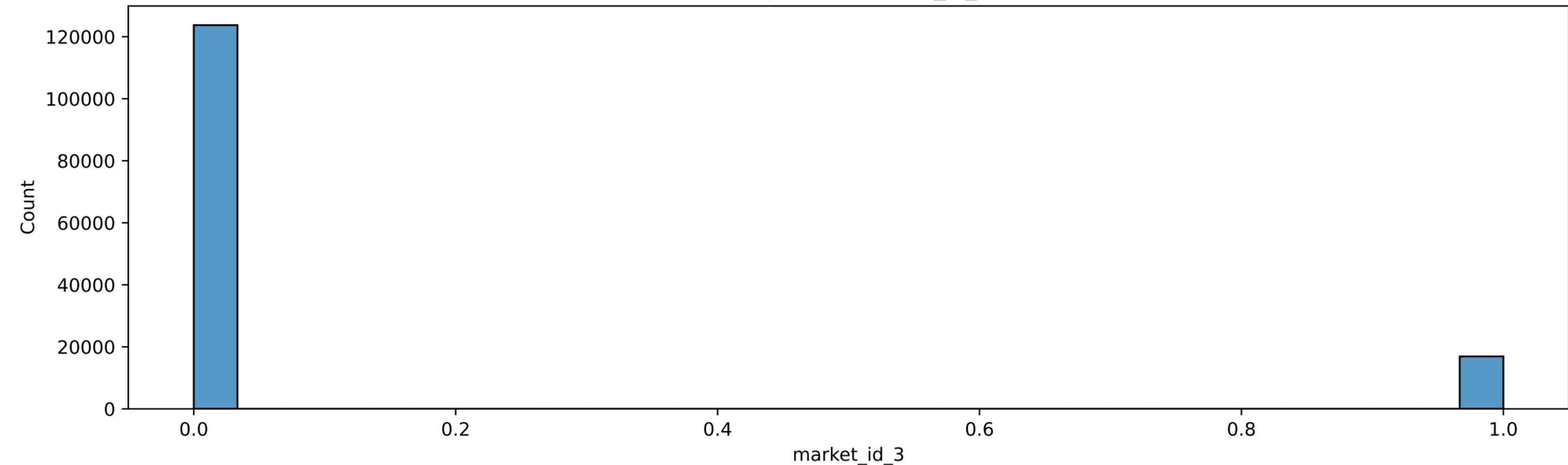
### Histogram of 100X\_distance



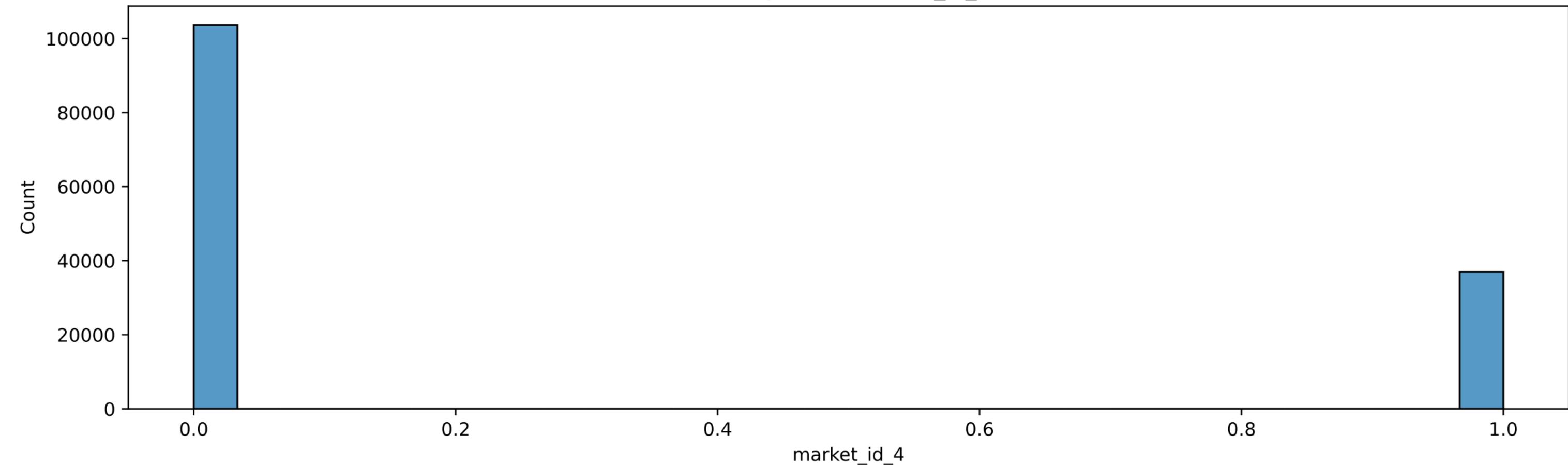
### Histogram of market\_id\_2



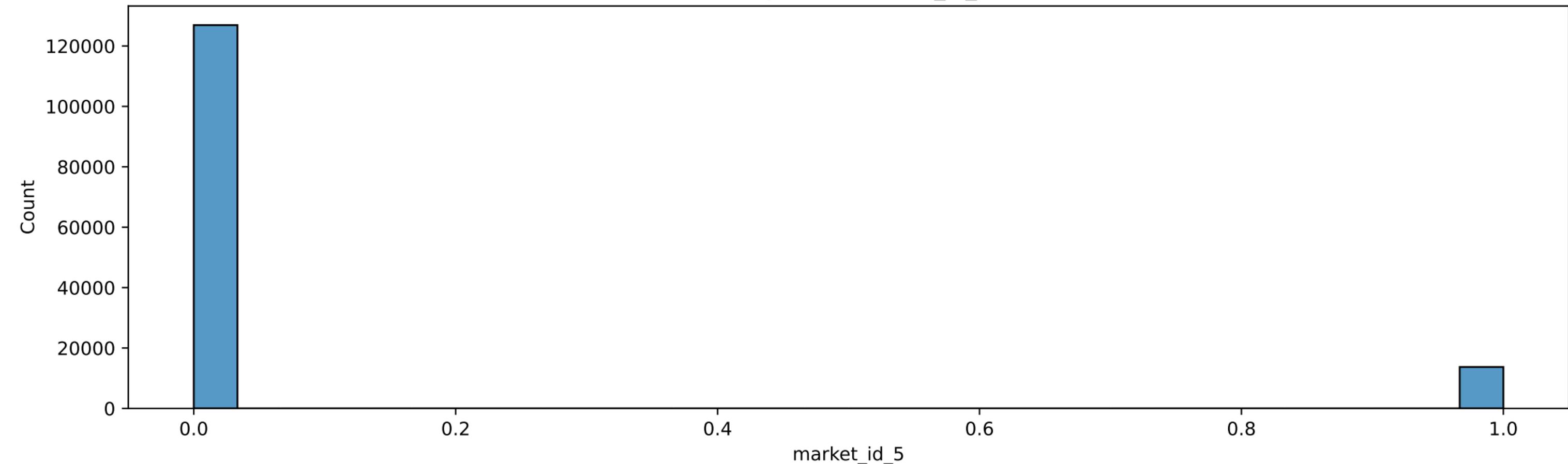
### Histogram of market\_id\_3



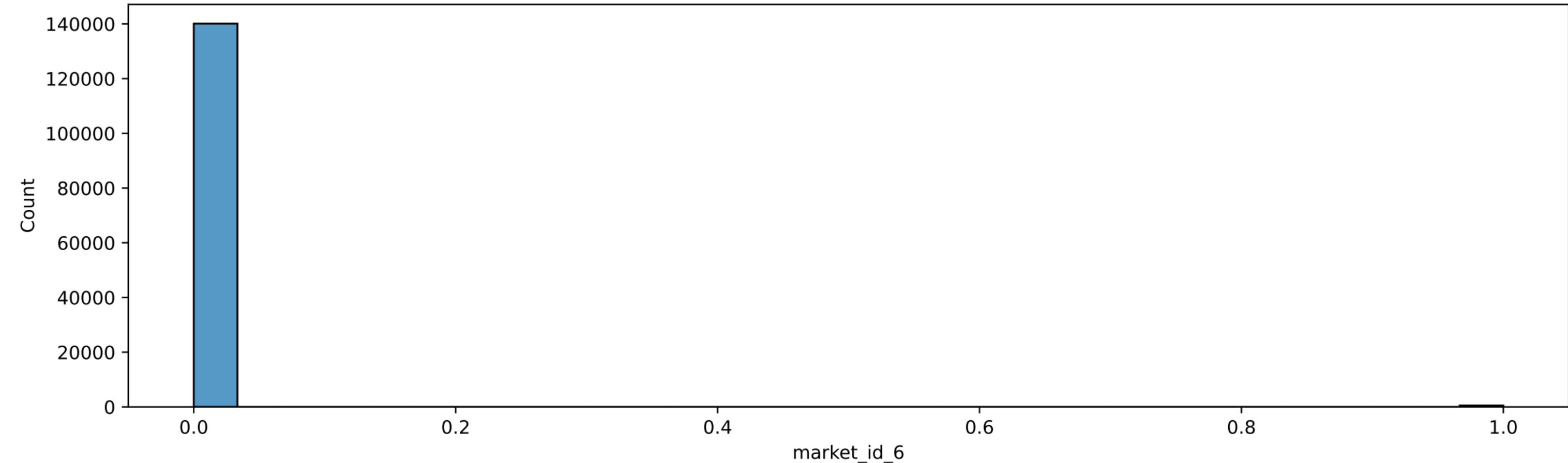
### Histogram of market\_id\_4



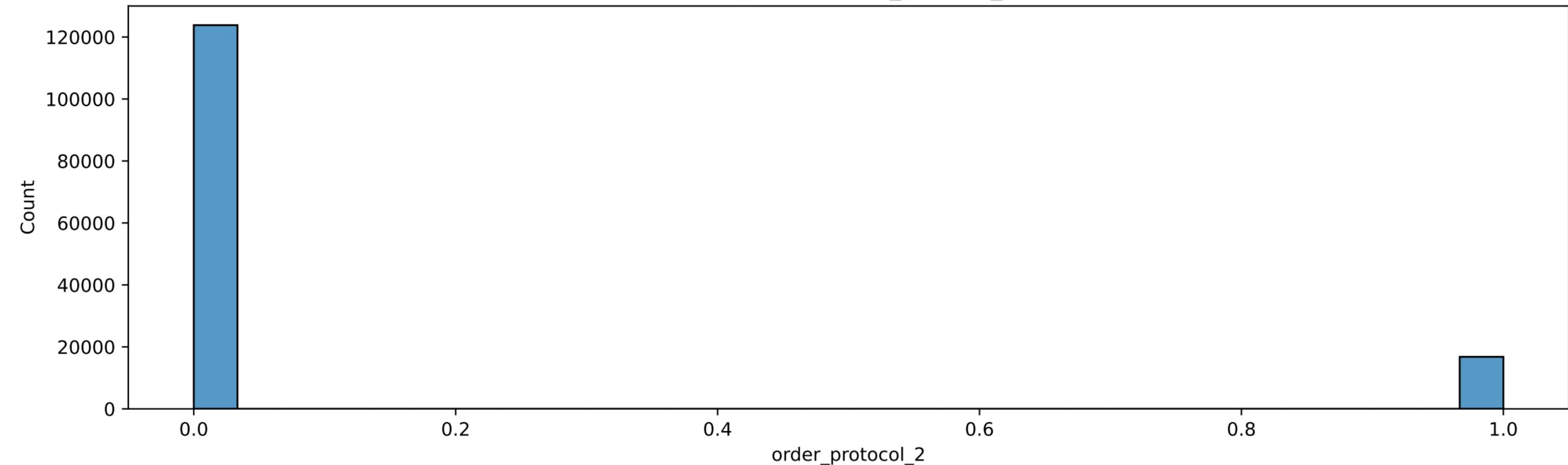
### Histogram of market\_id\_5



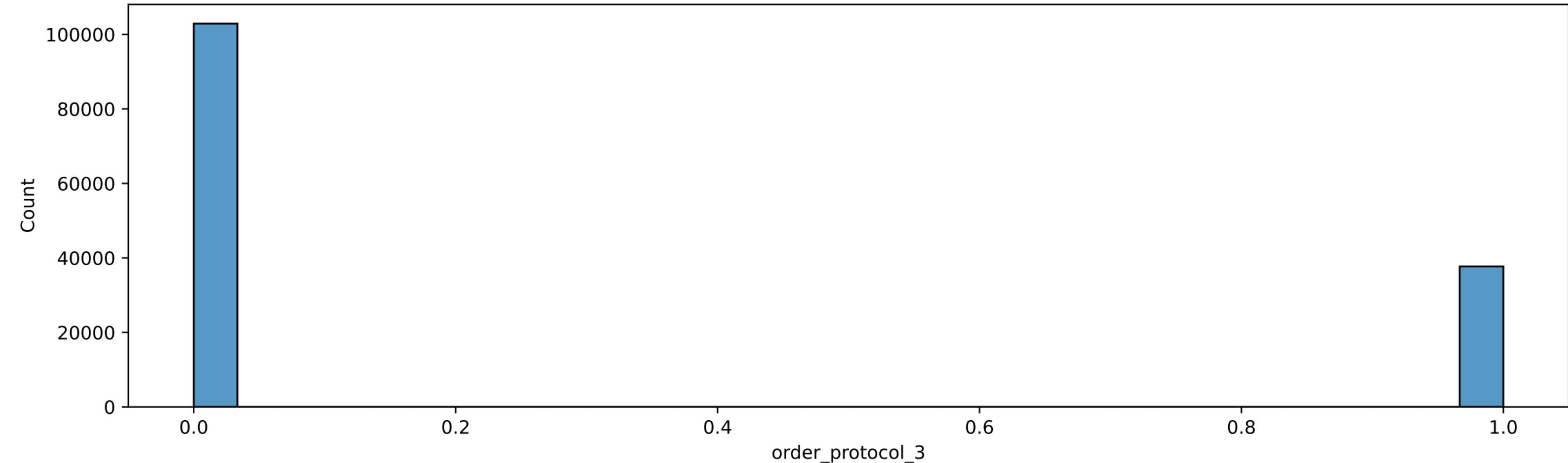
### Histogram of market\_id\_6



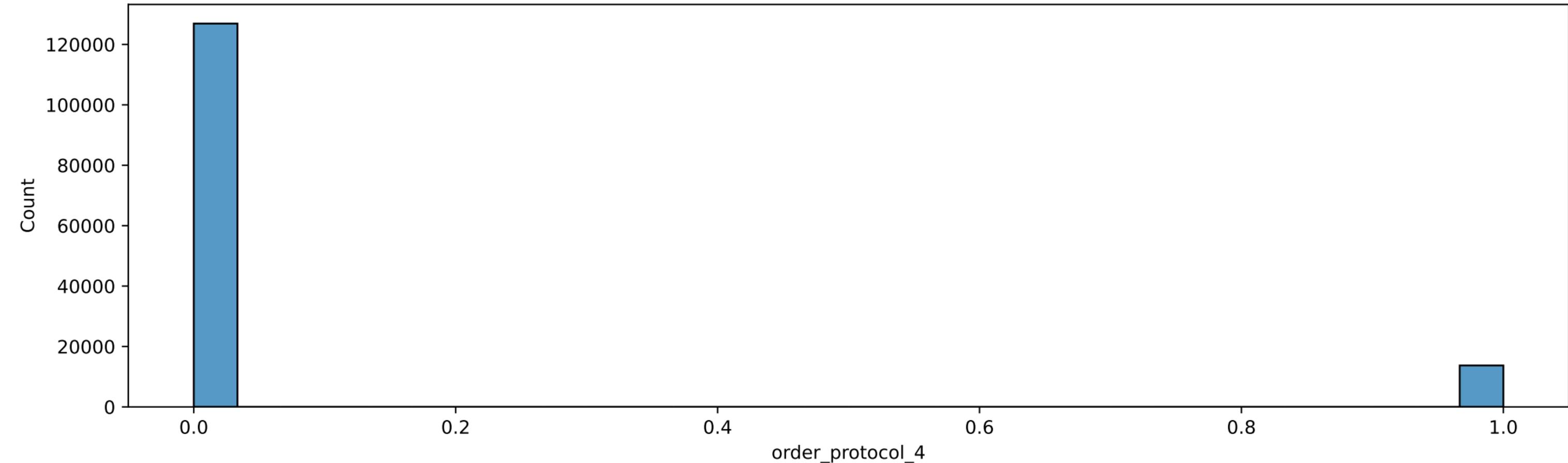
### Histogram of order\_protocol\_2



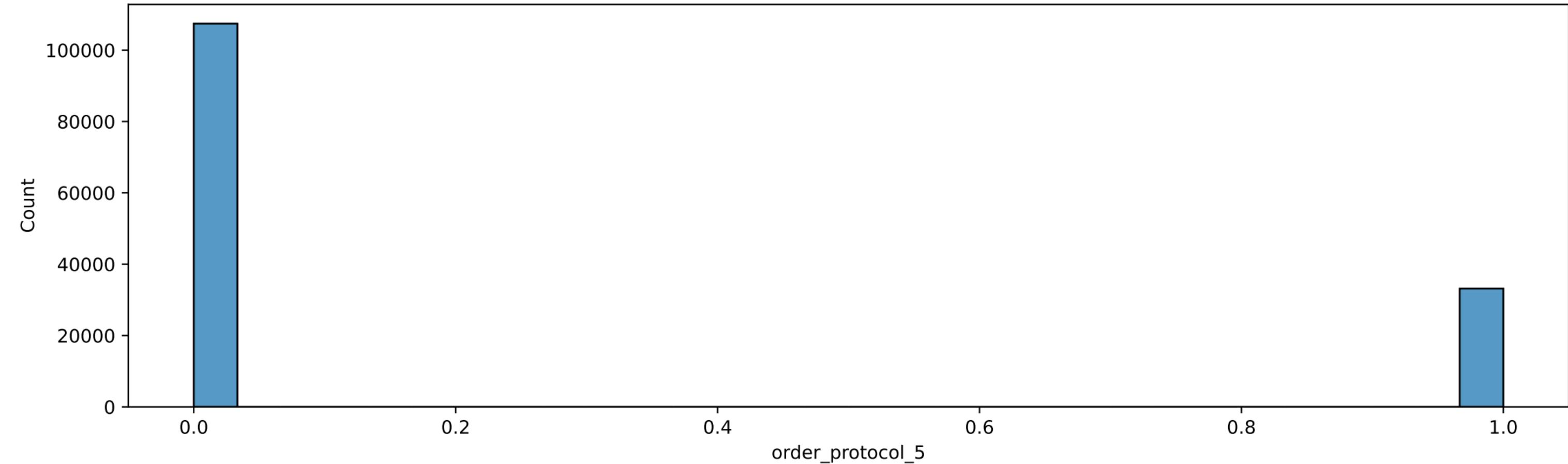
### Histogram of order\_protocol\_3



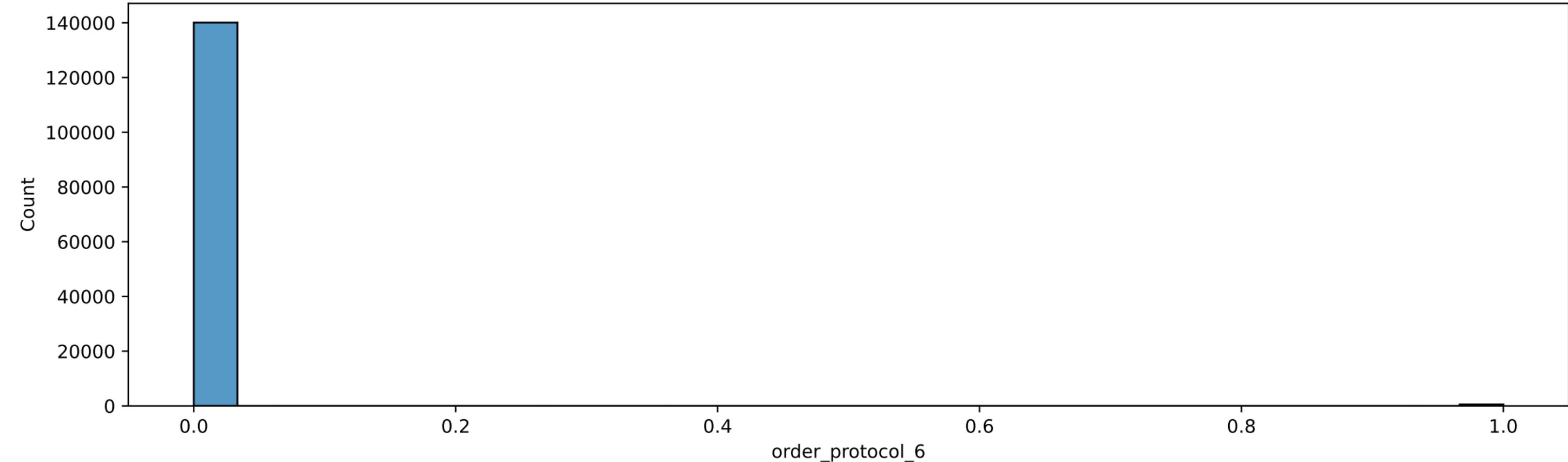
### Histogram of order\_protocol\_4



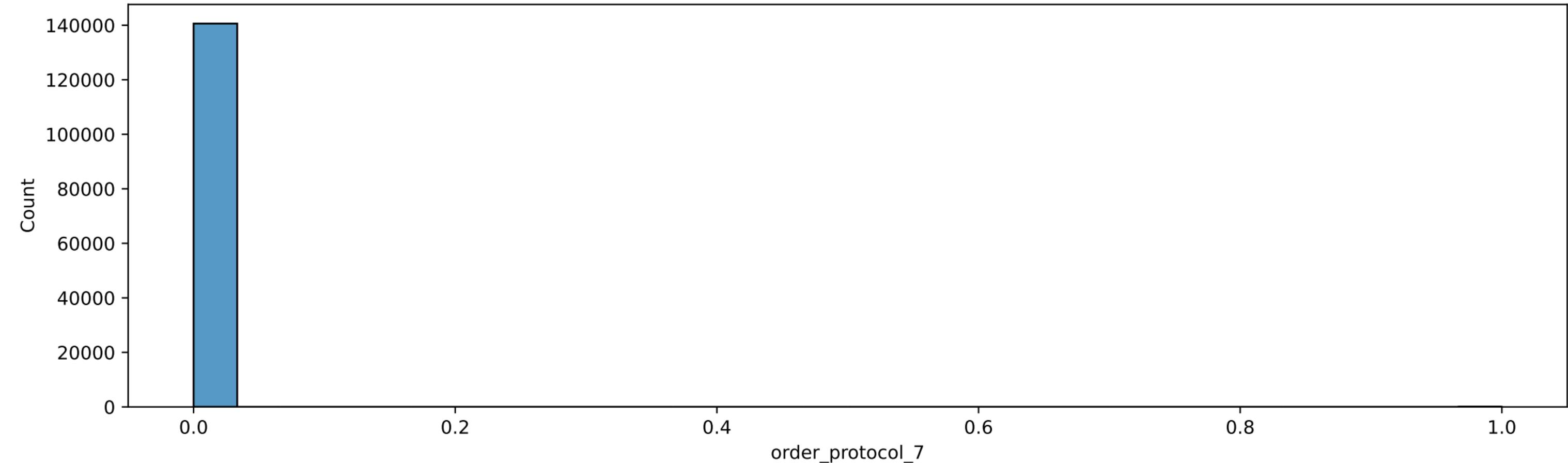
### Histogram of order\_protocol\_5



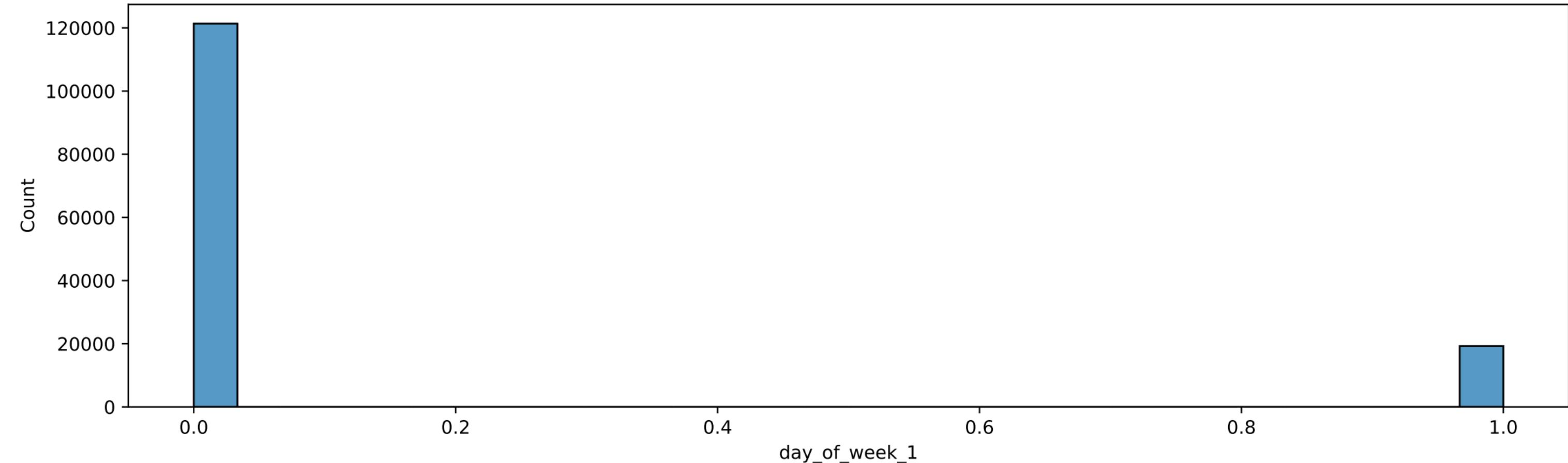
### Histogram of order\_protocol\_6



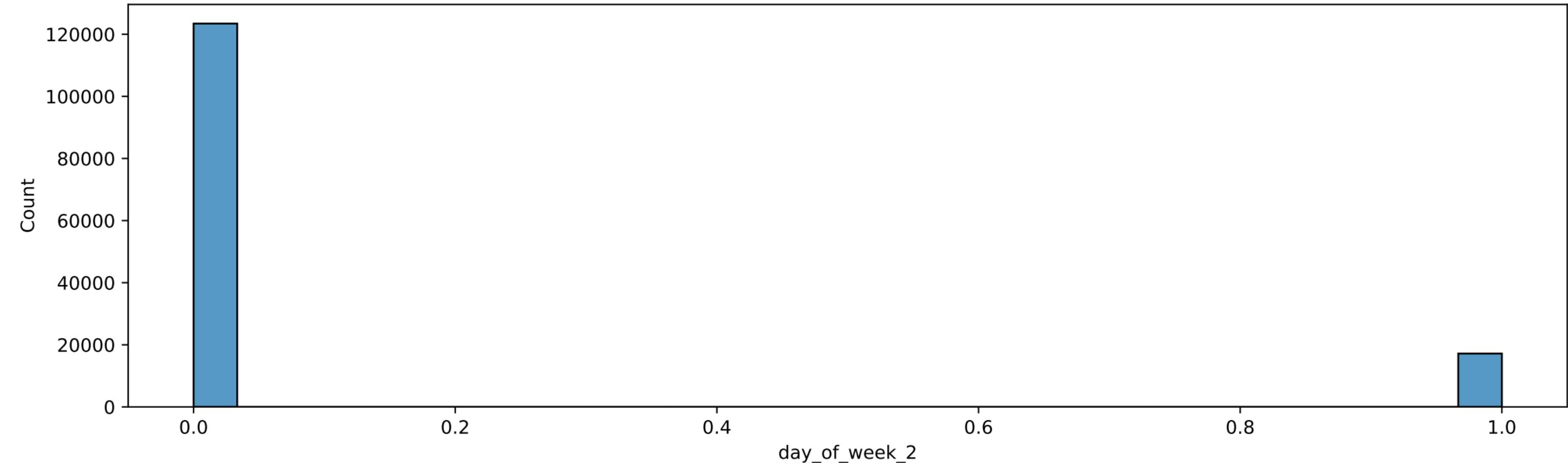
### Histogram of order\_protocol\_7



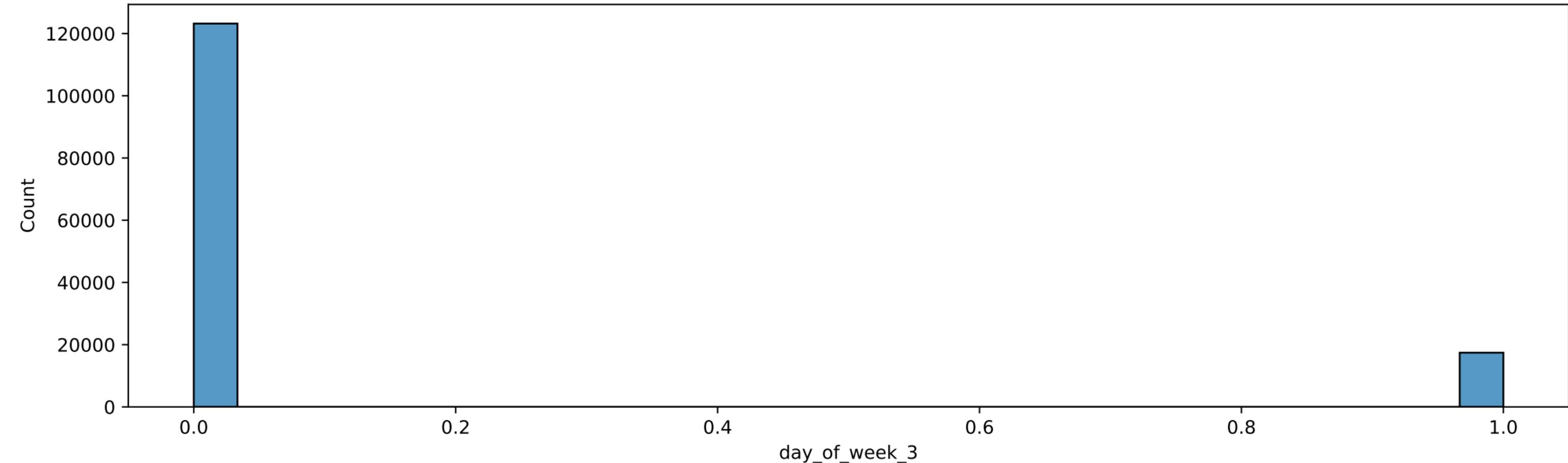
### Histogram of day\_of\_week\_1



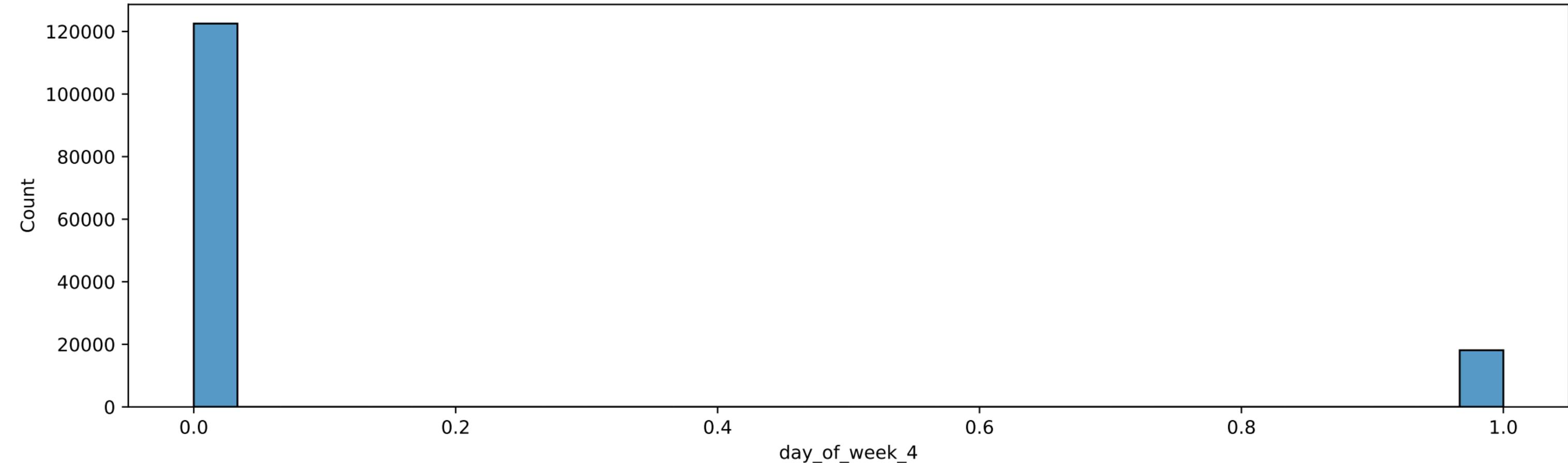
### Histogram of day\_of\_week\_2



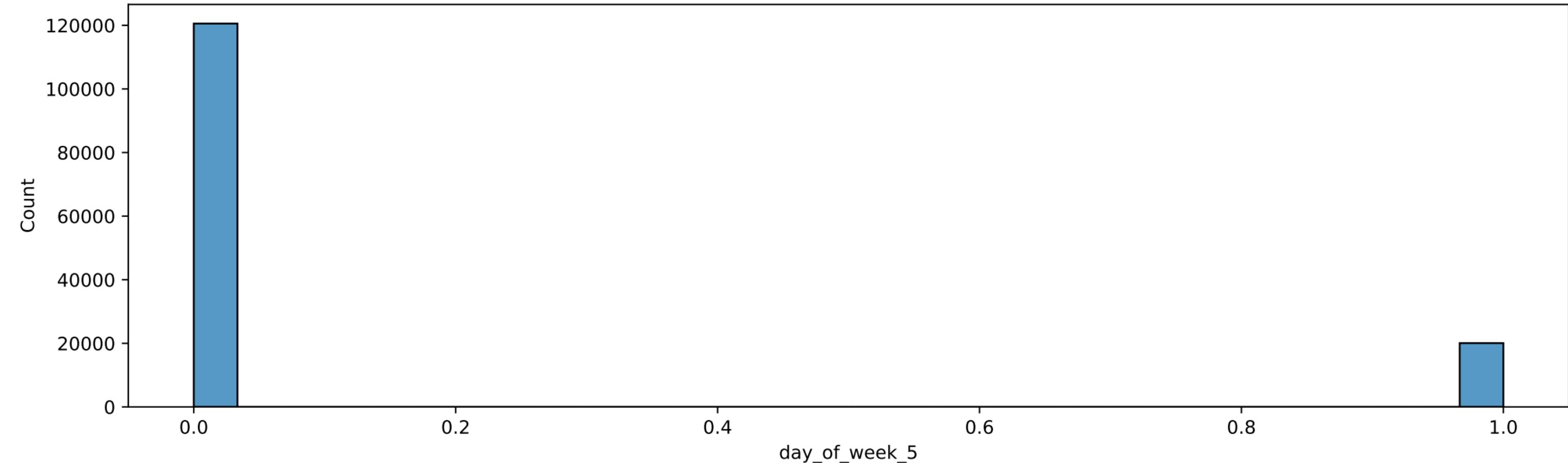
### Histogram of day\_of\_week\_3



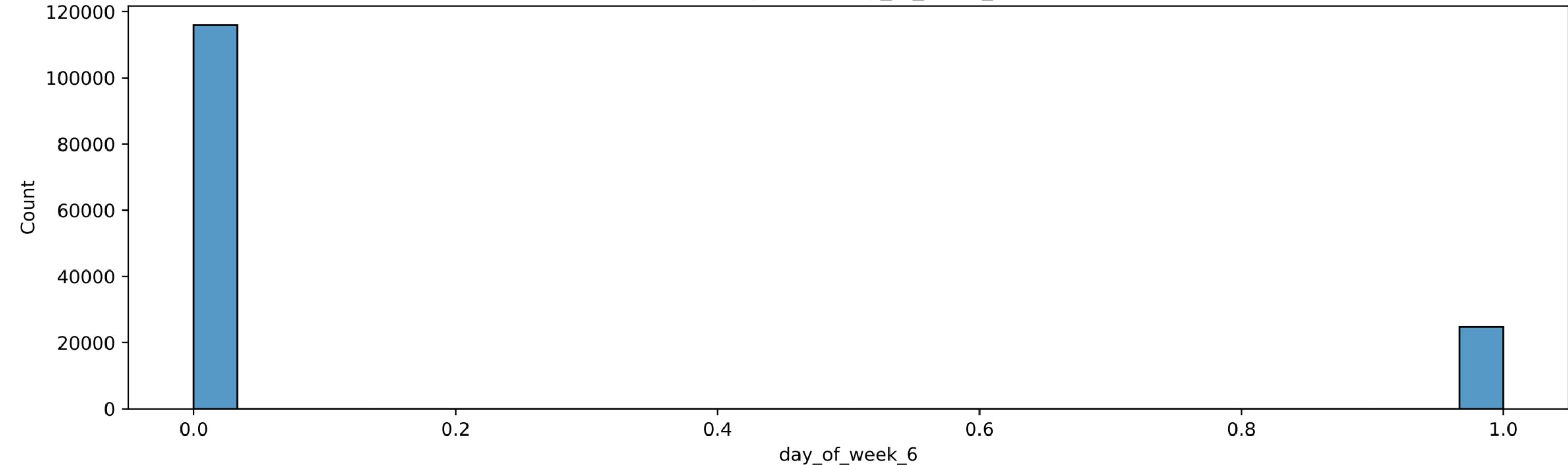
### Histogram of day\_of\_week\_4



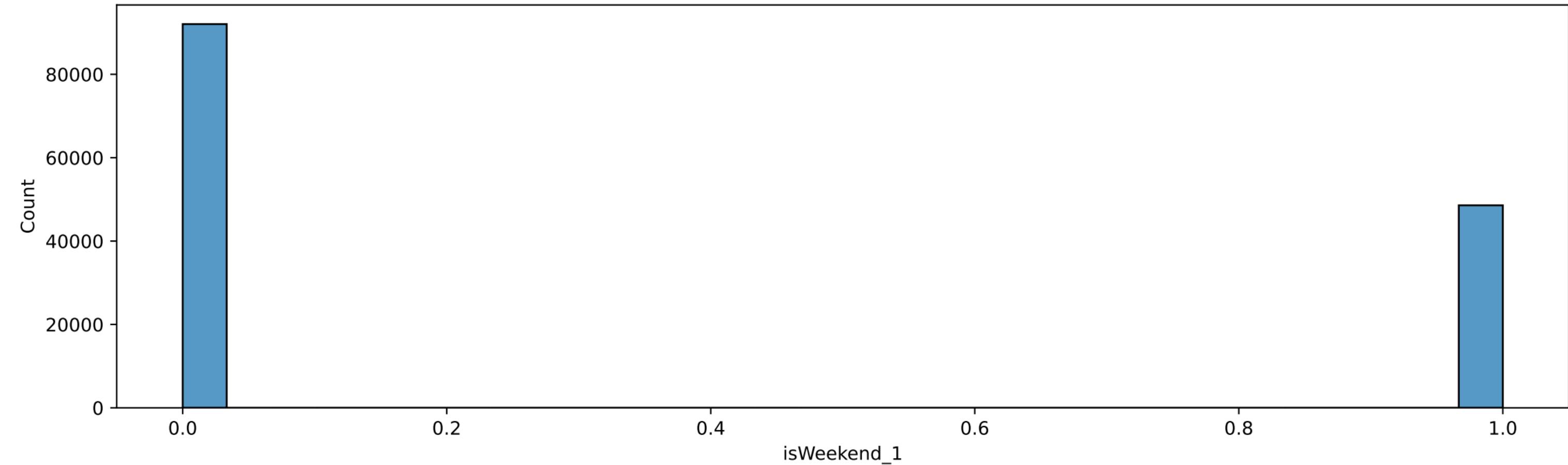
### Histogram of day\_of\_week\_5



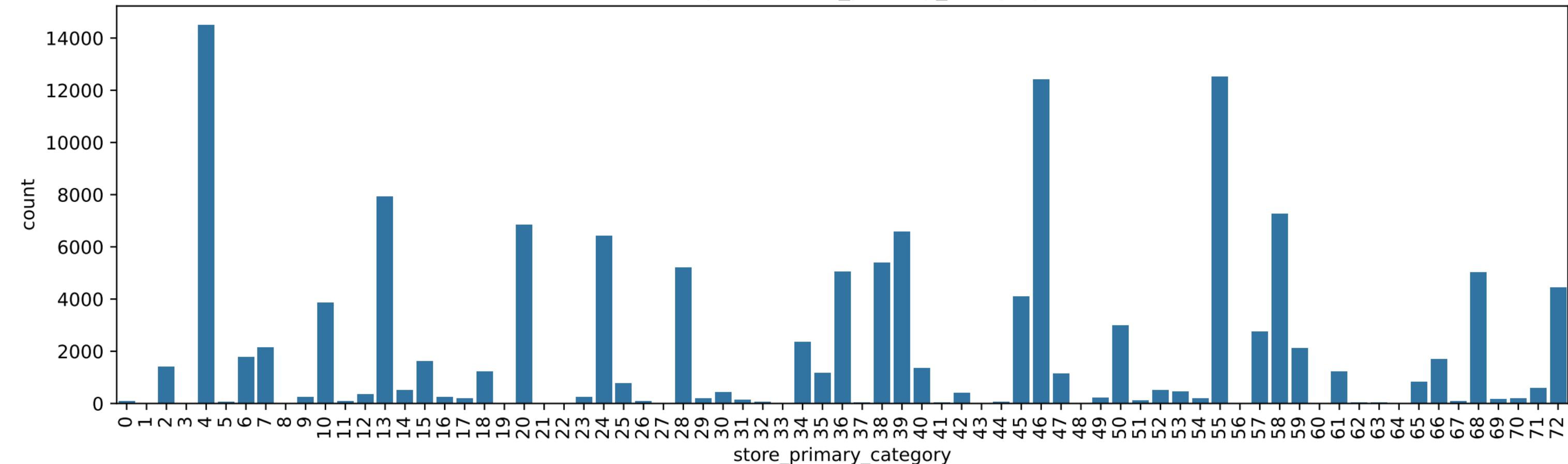
### Histogram of day\_of\_week\_6



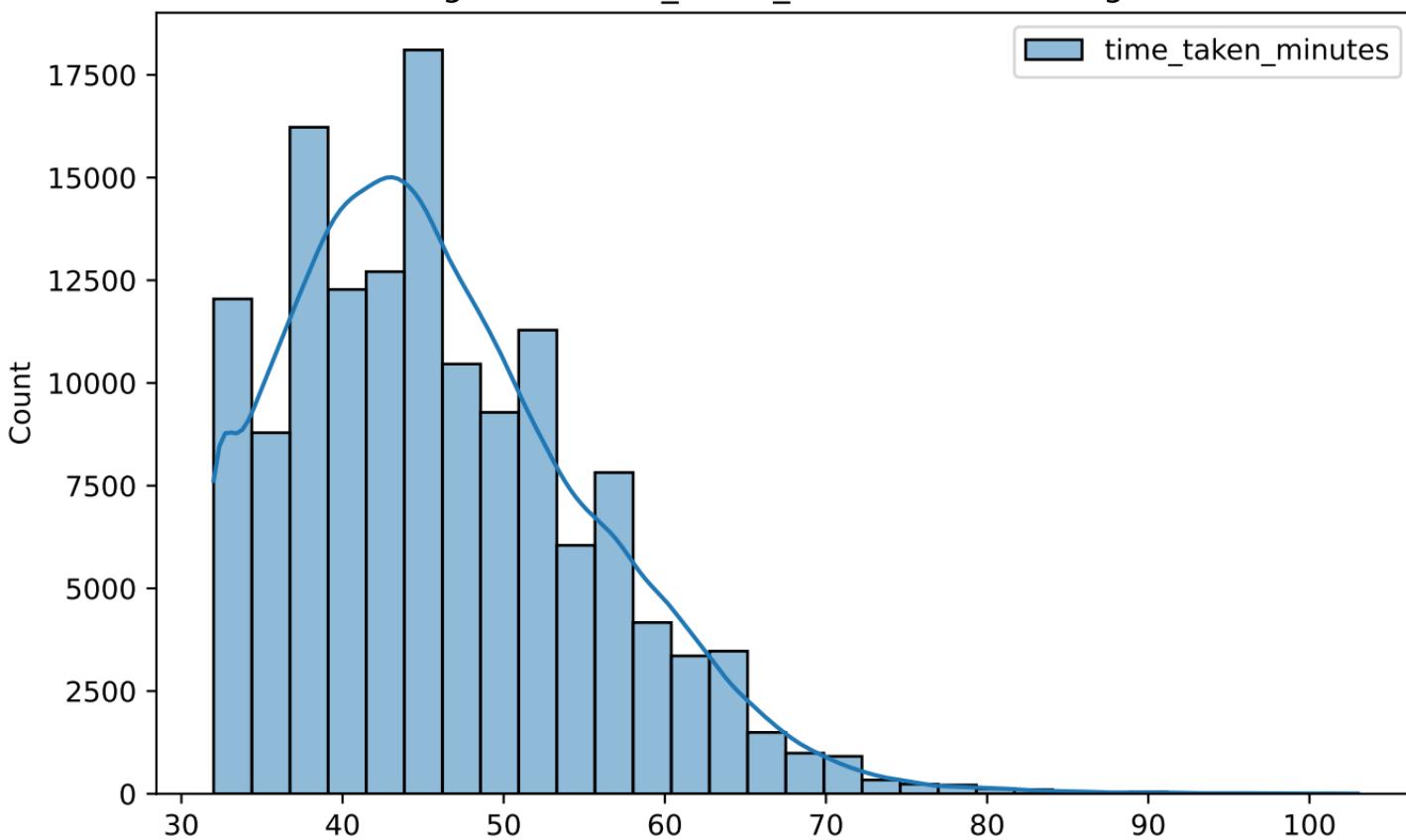
### Histogram of isWeekend\_1



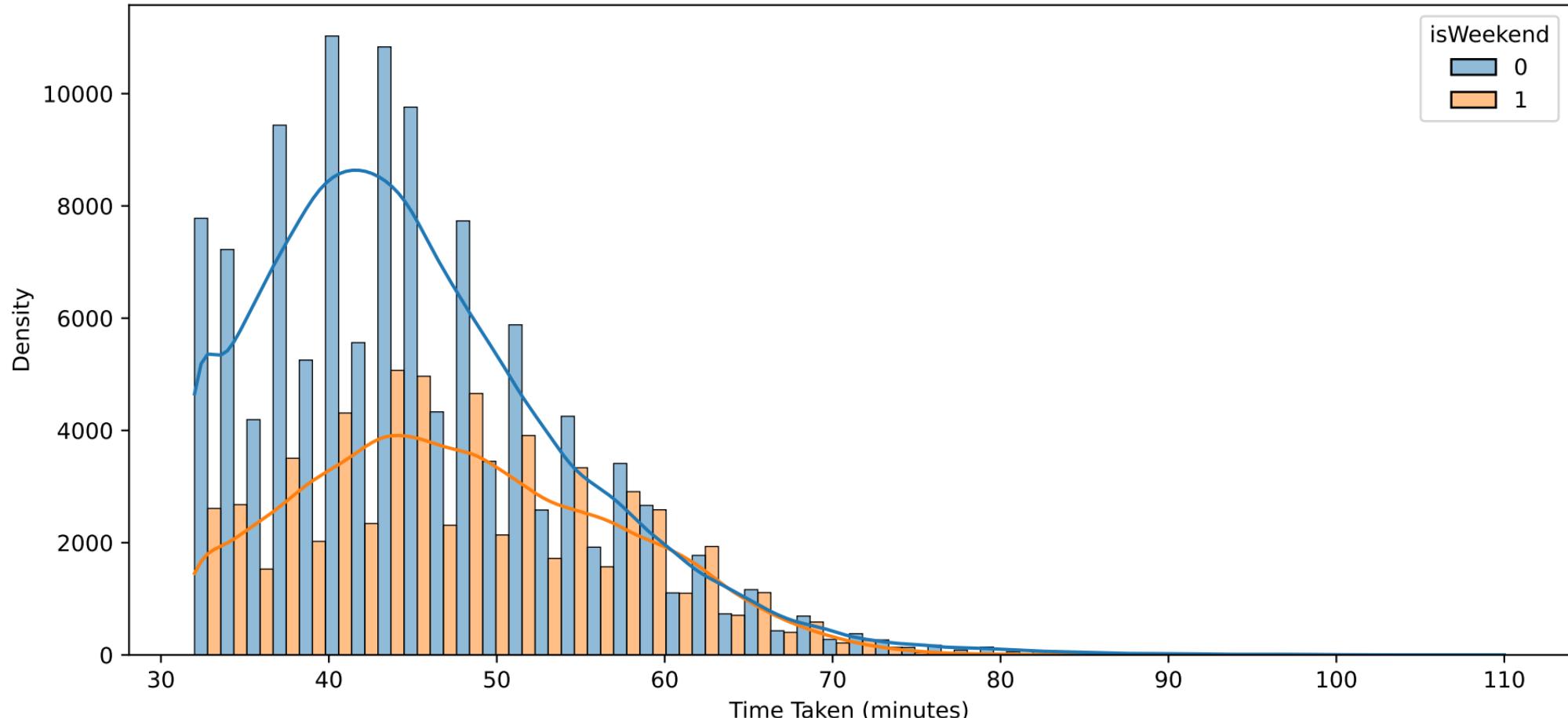
### Countplot of store\_primary\_category



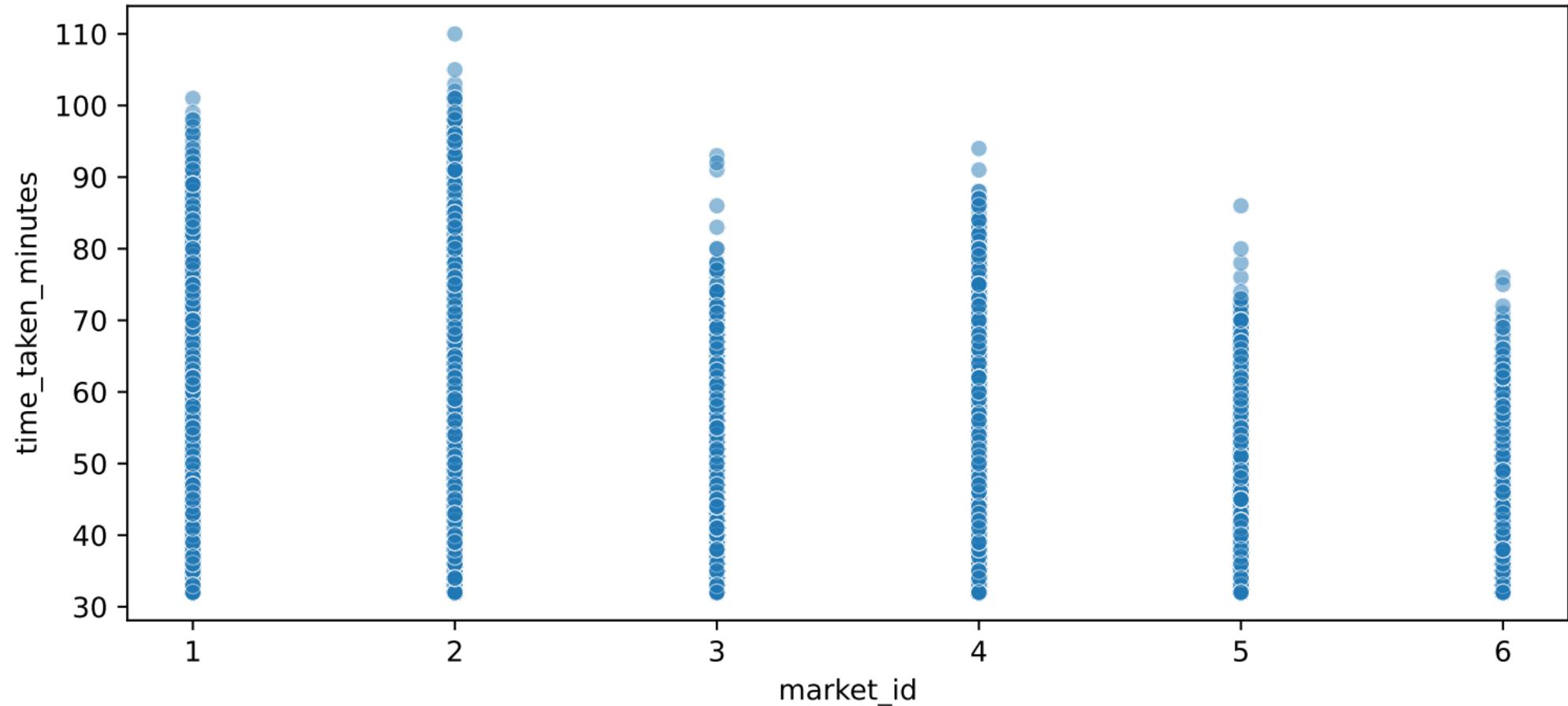
### Histogram of time\_taken\_minutes on Training Data



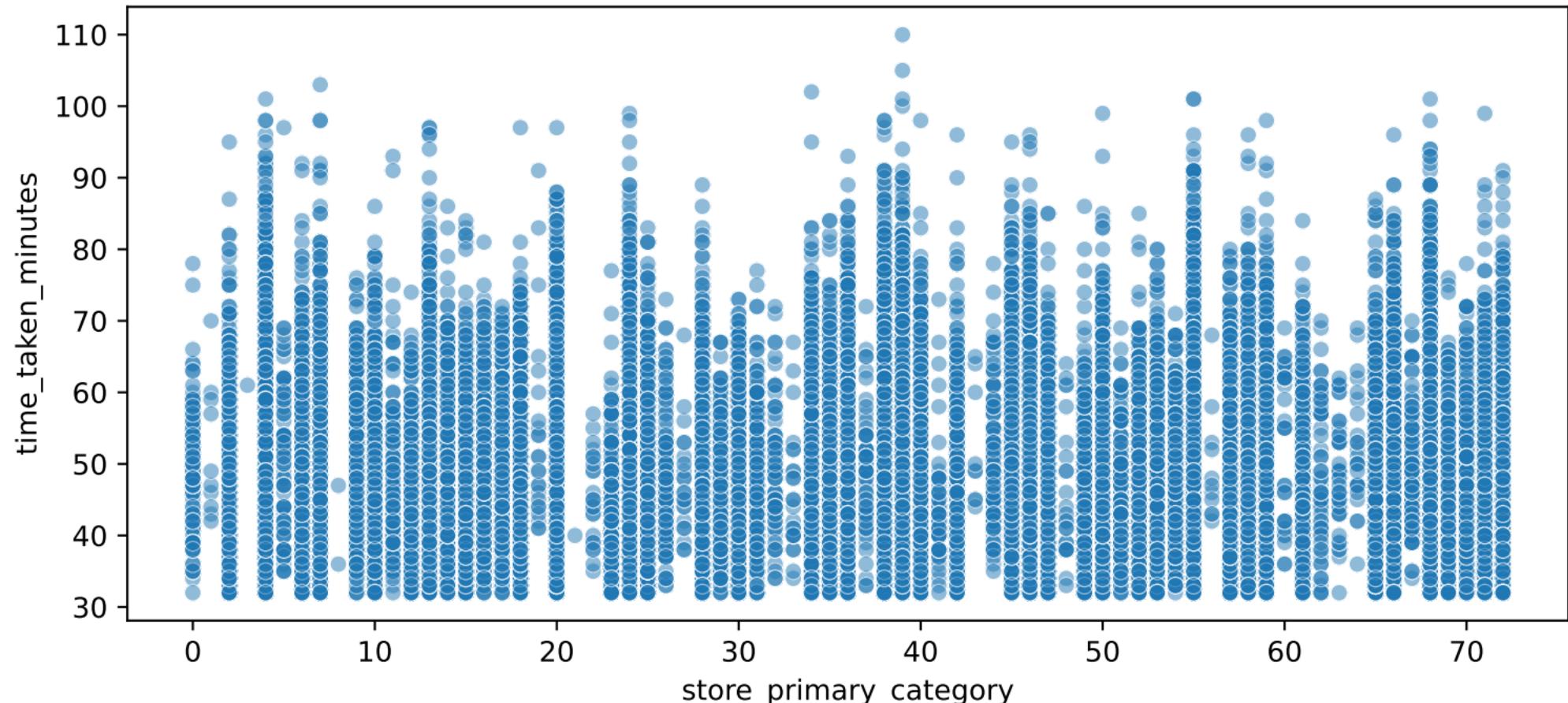
## Distribution of Delivery Time by Weekend vs Weekday



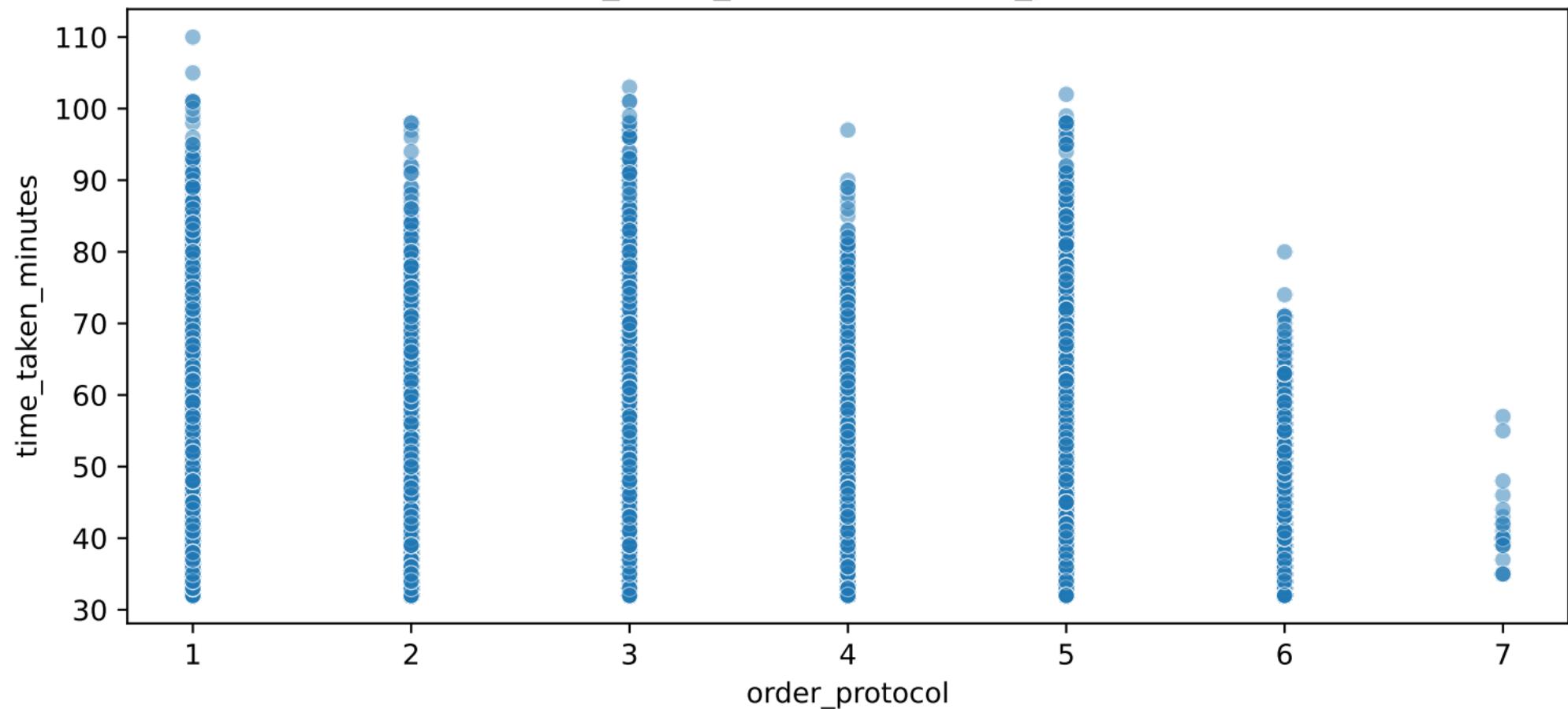
### time\_taken\_minutes vs market\_id



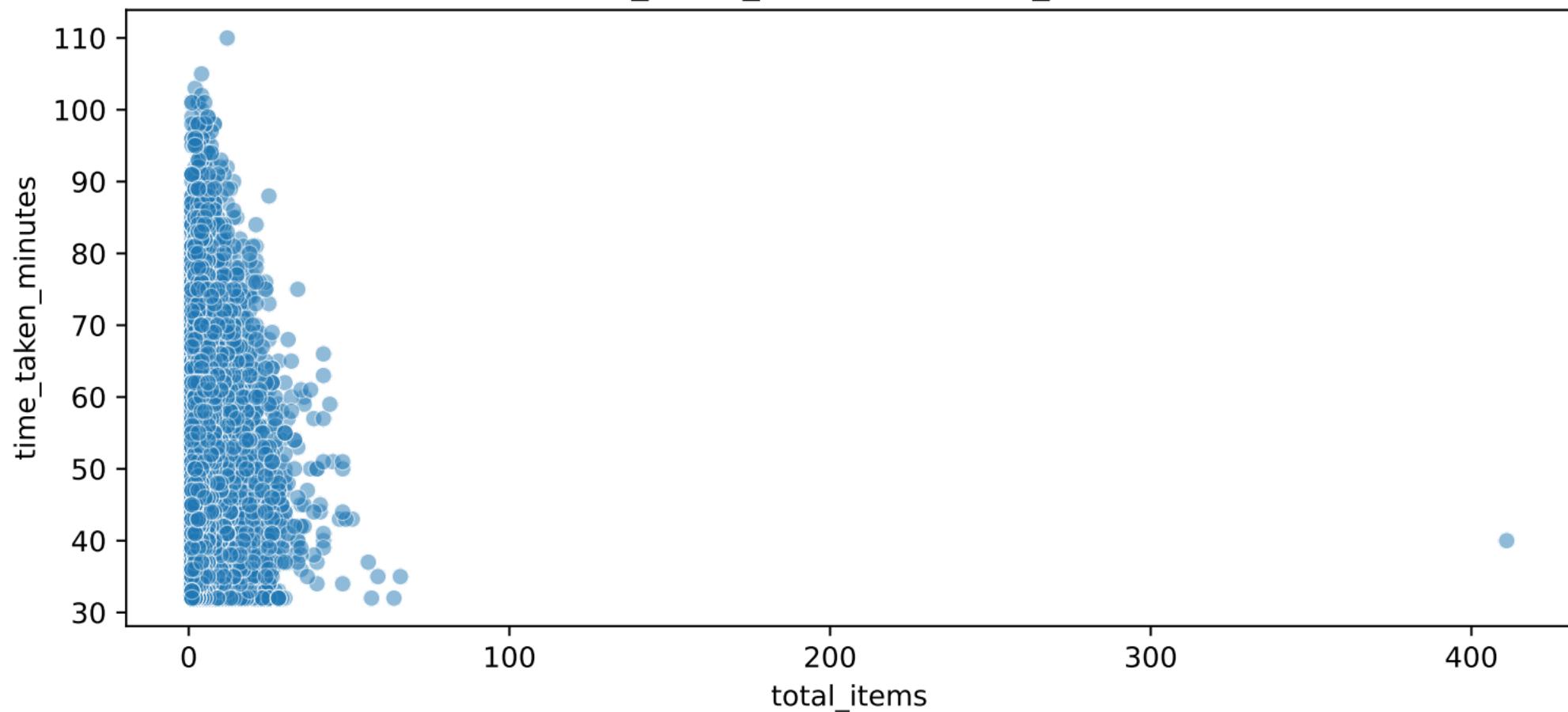
time\_taken\_minutes vs store\_primary\_category



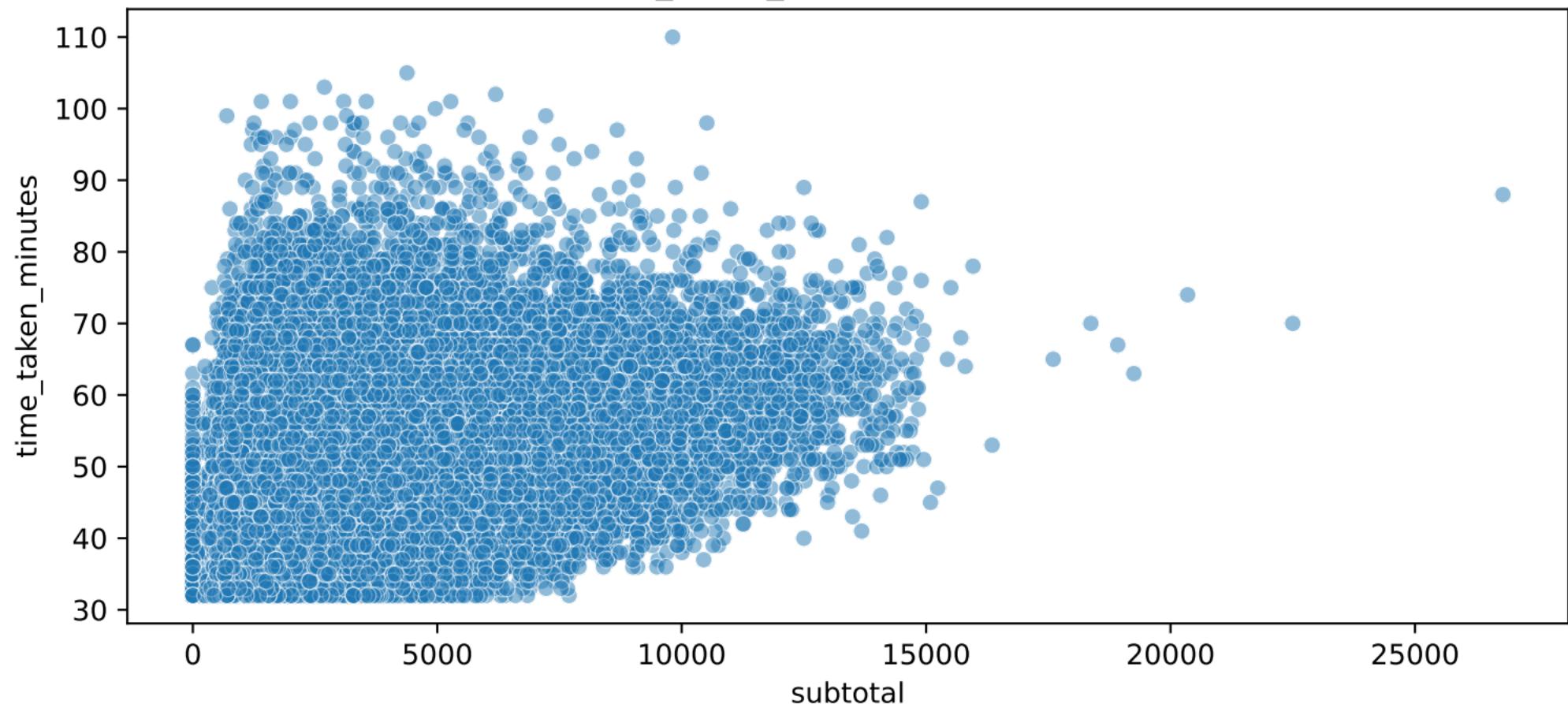
time\_taken\_minutes vs order\_protocol



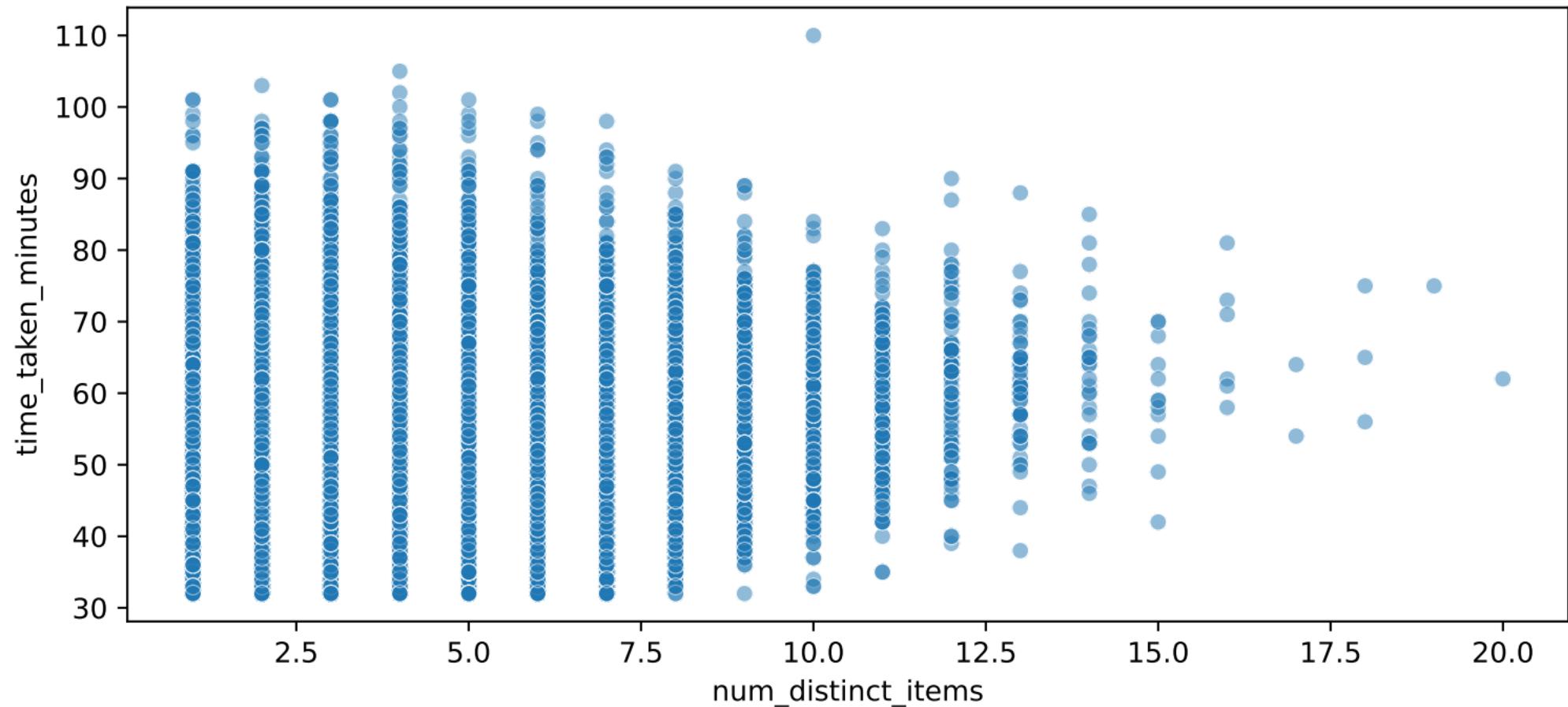
time\_taken\_minutes vs total\_items



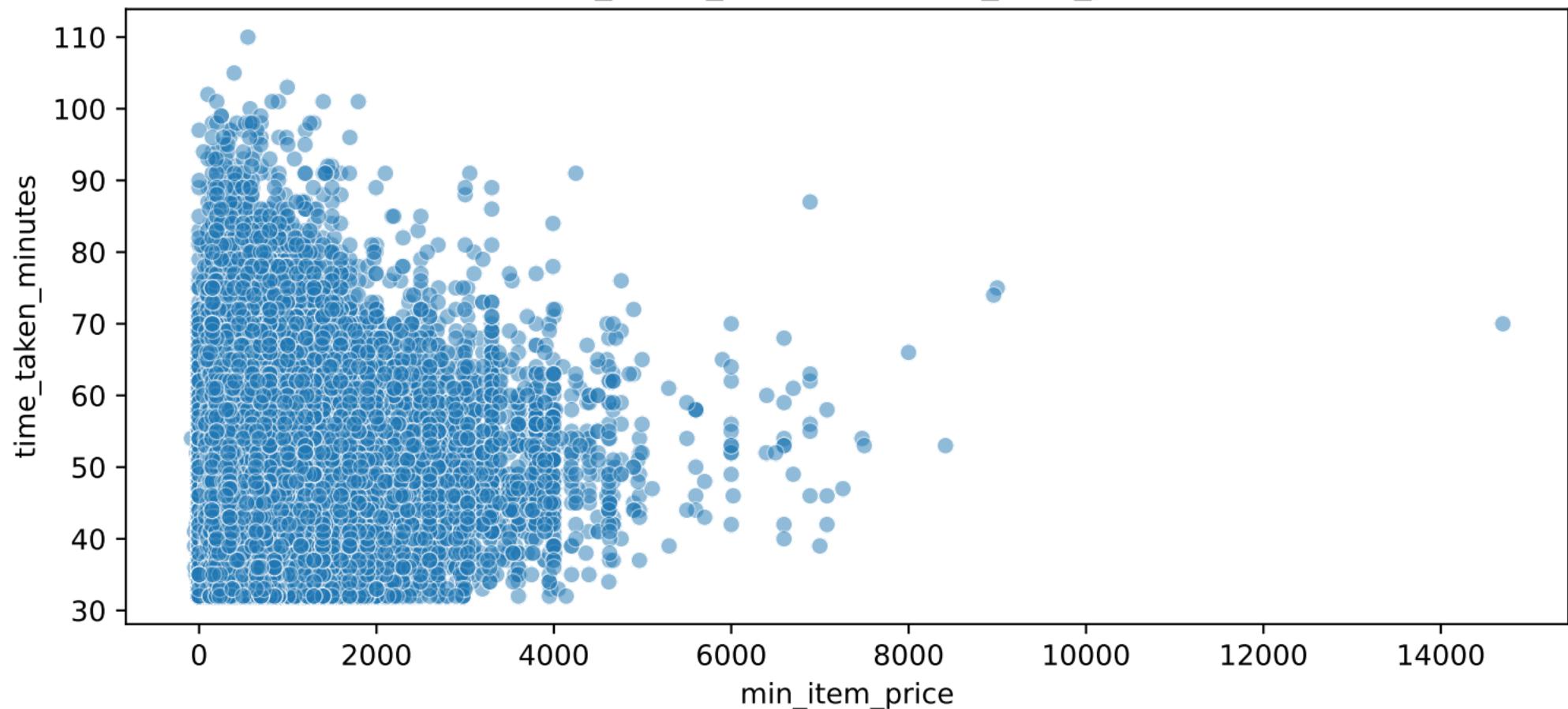
time\_taken\_minutes vs subtotal



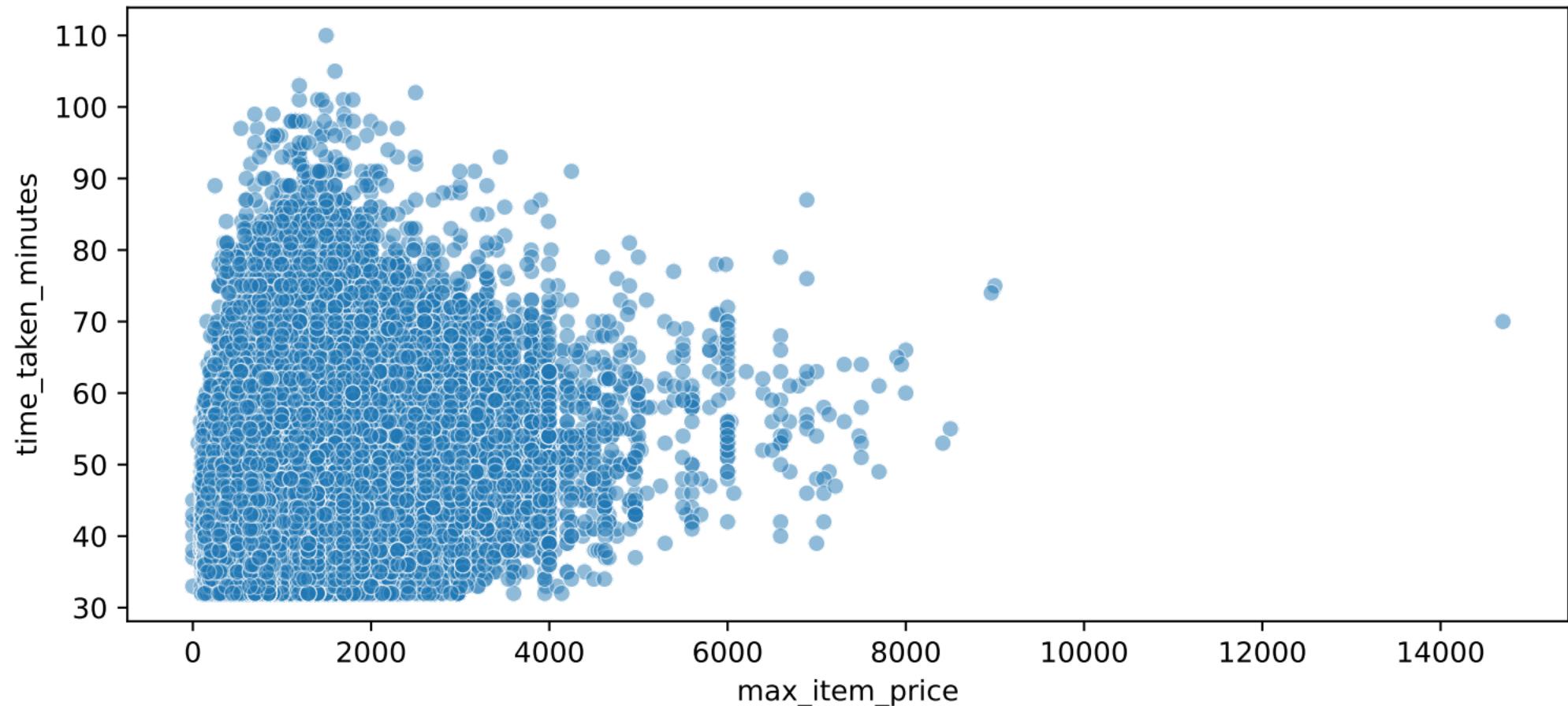
## time\_taken\_minutes vs num\_distinct\_items



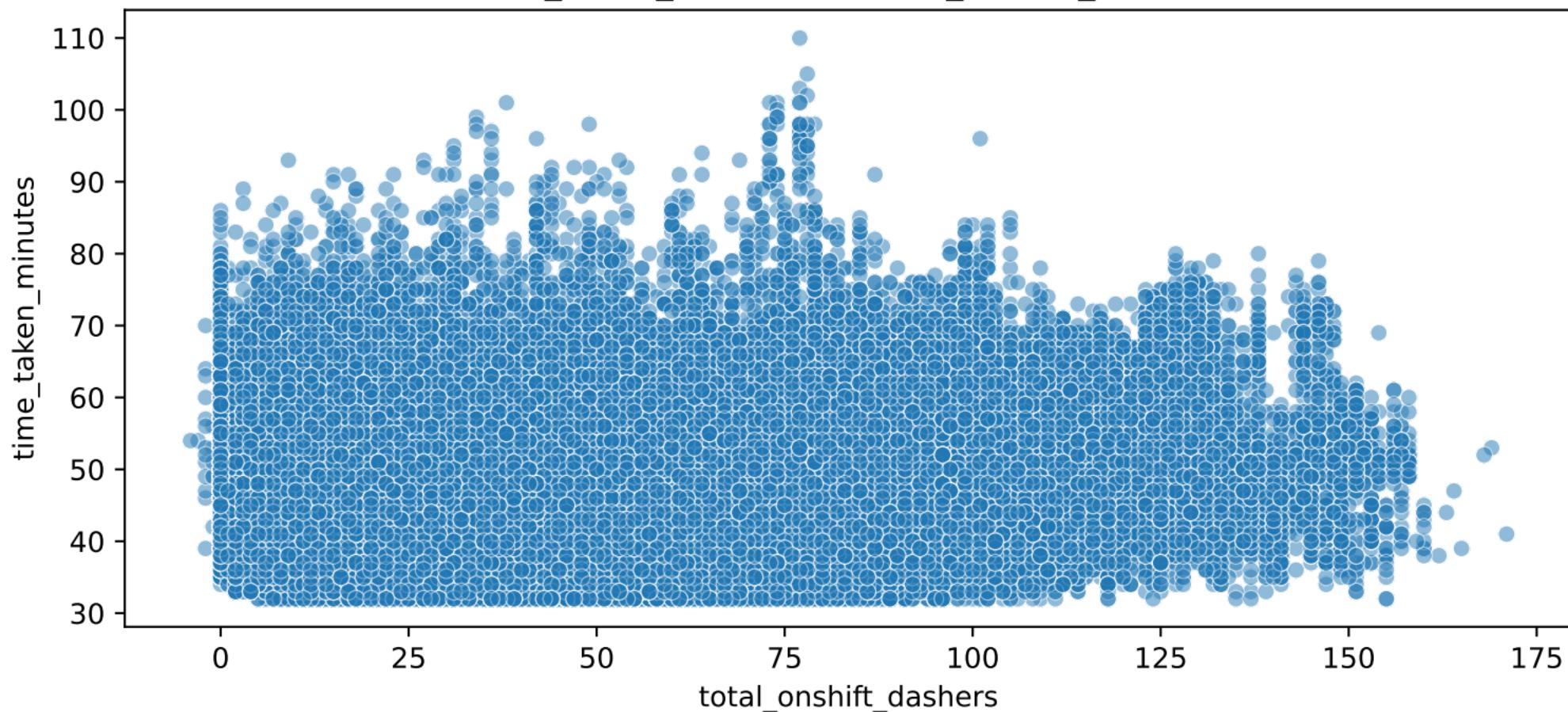
time\_taken\_minutes vs min\_item\_price



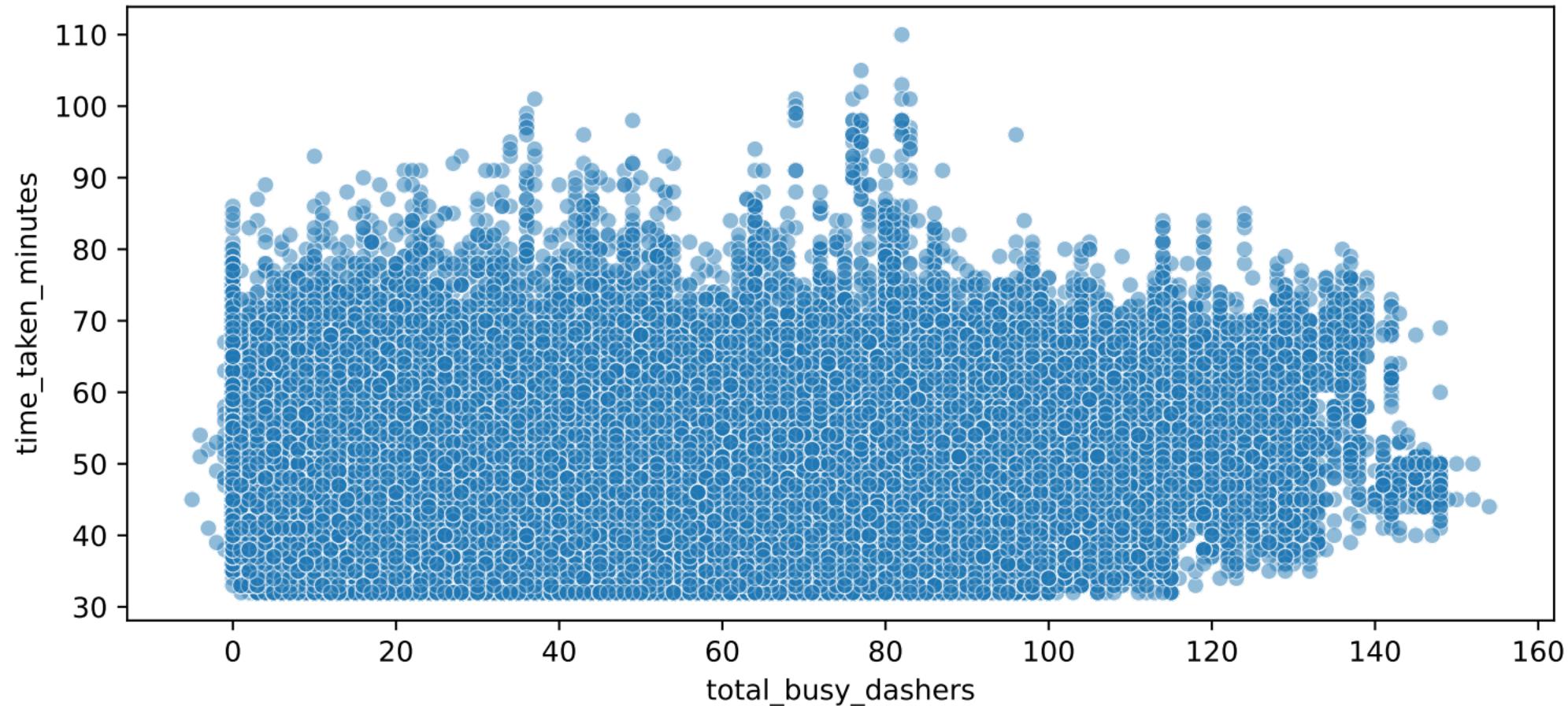
time\_taken\_minutes vs max\_item\_price



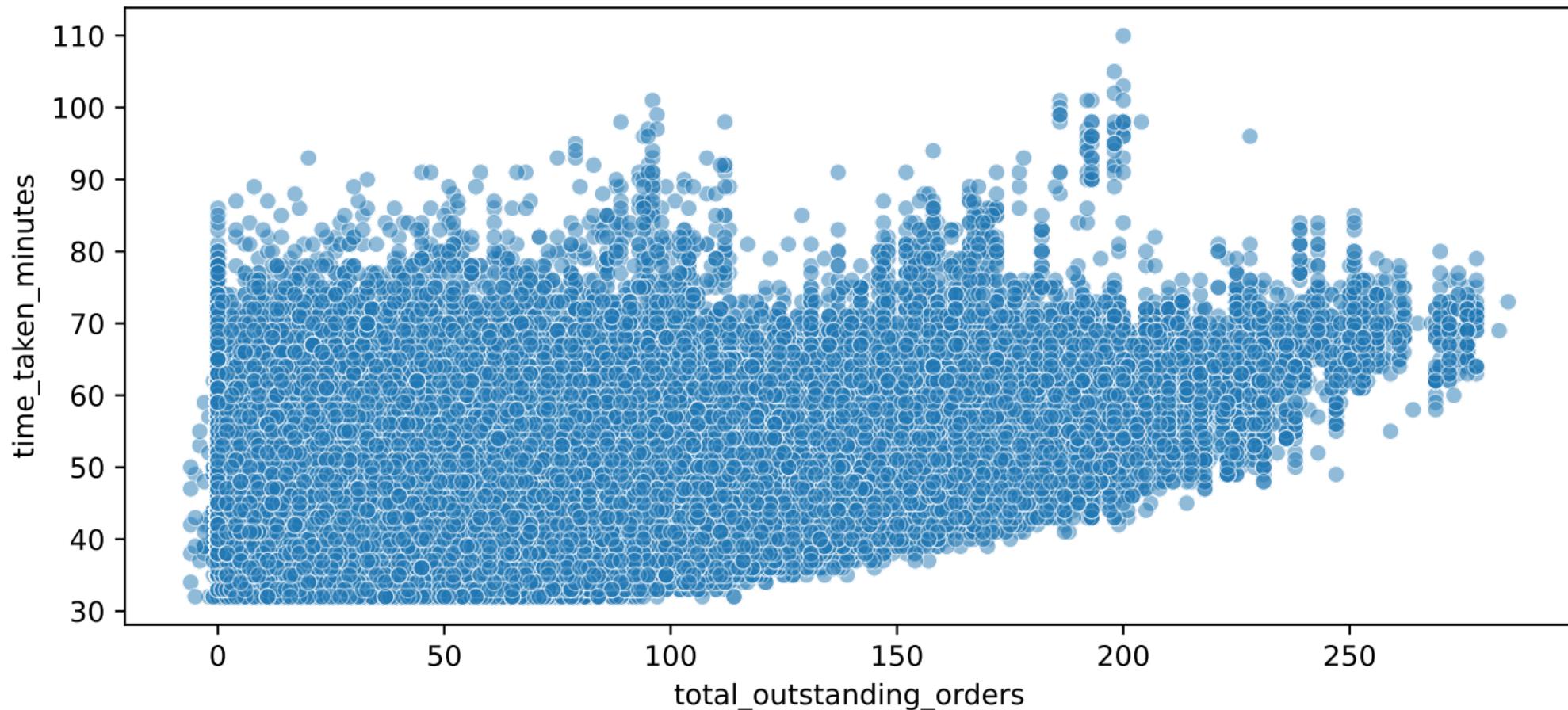
time\_taken\_minutes vs total\_onshift\_dashers



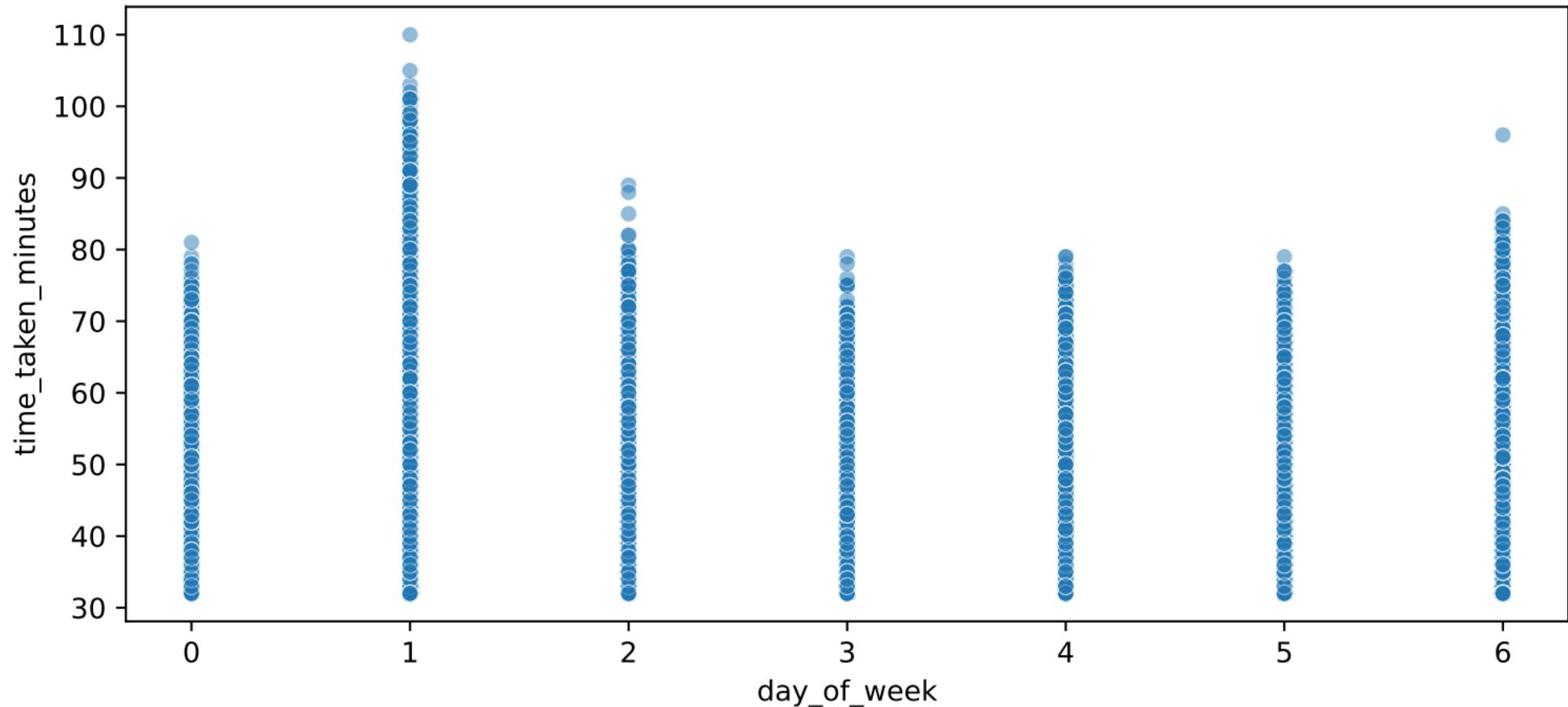
time\_taken\_minutes vs total\_busy\_dashers



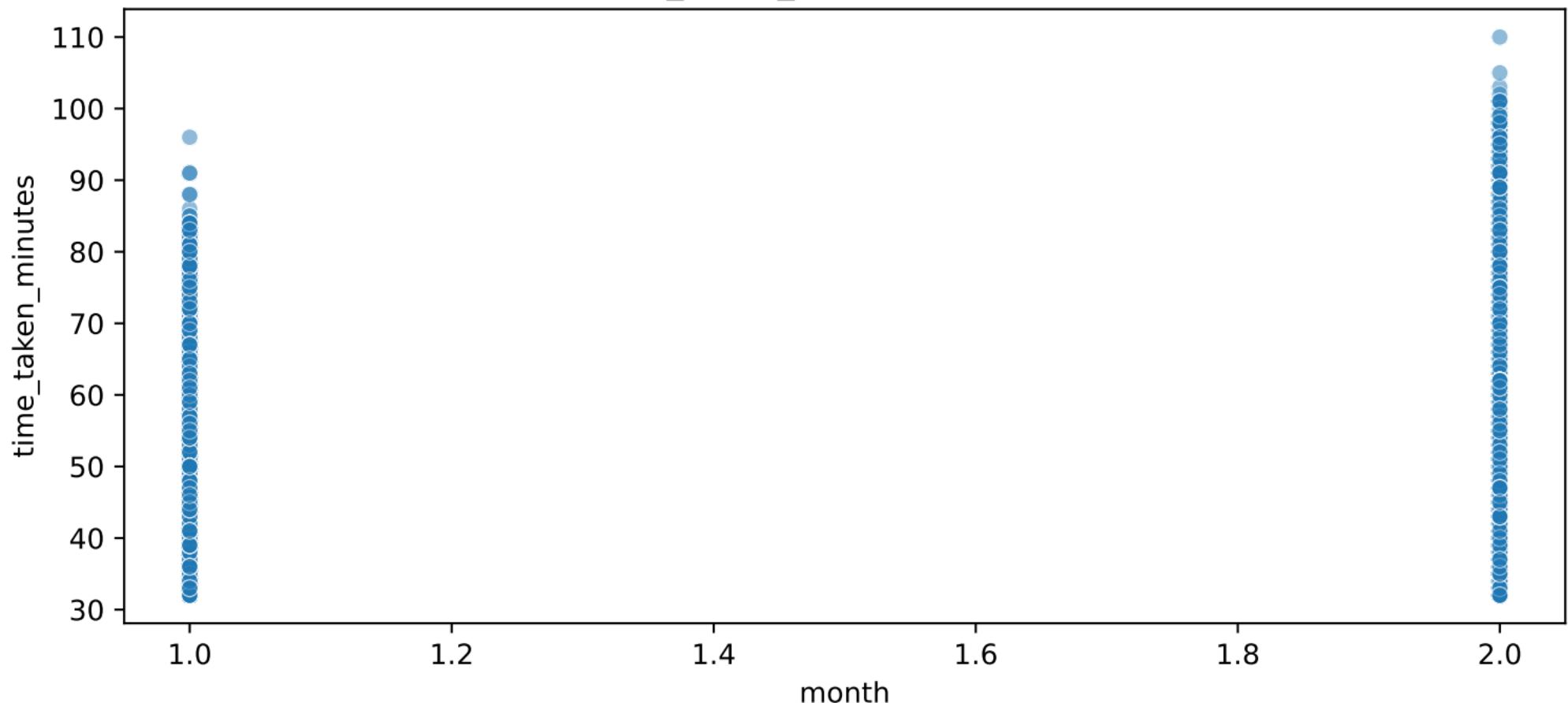
time\_taken\_minutes vs total\_outstanding\_orders



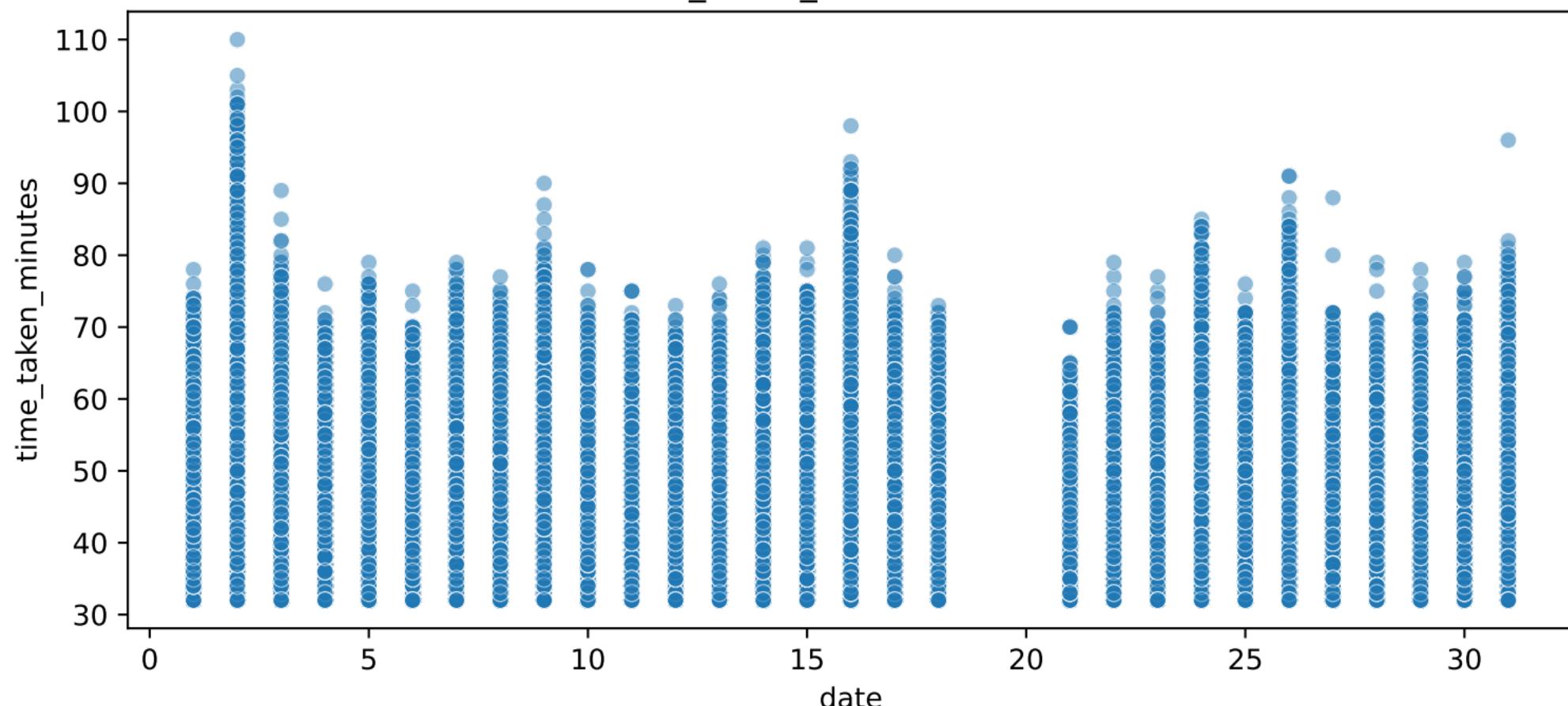
### time\_taken\_minutes vs day\_of\_week



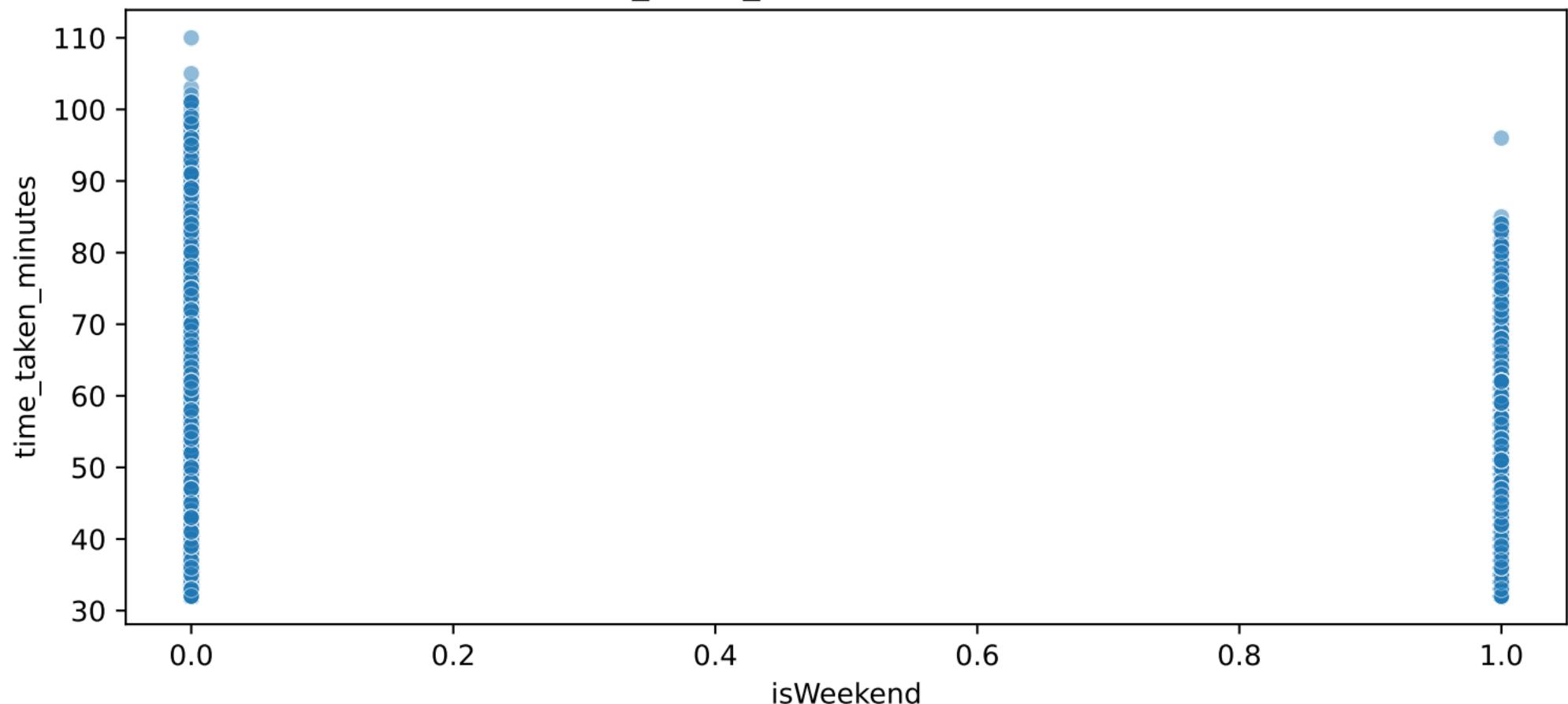
time\_taken\_minutes vs month



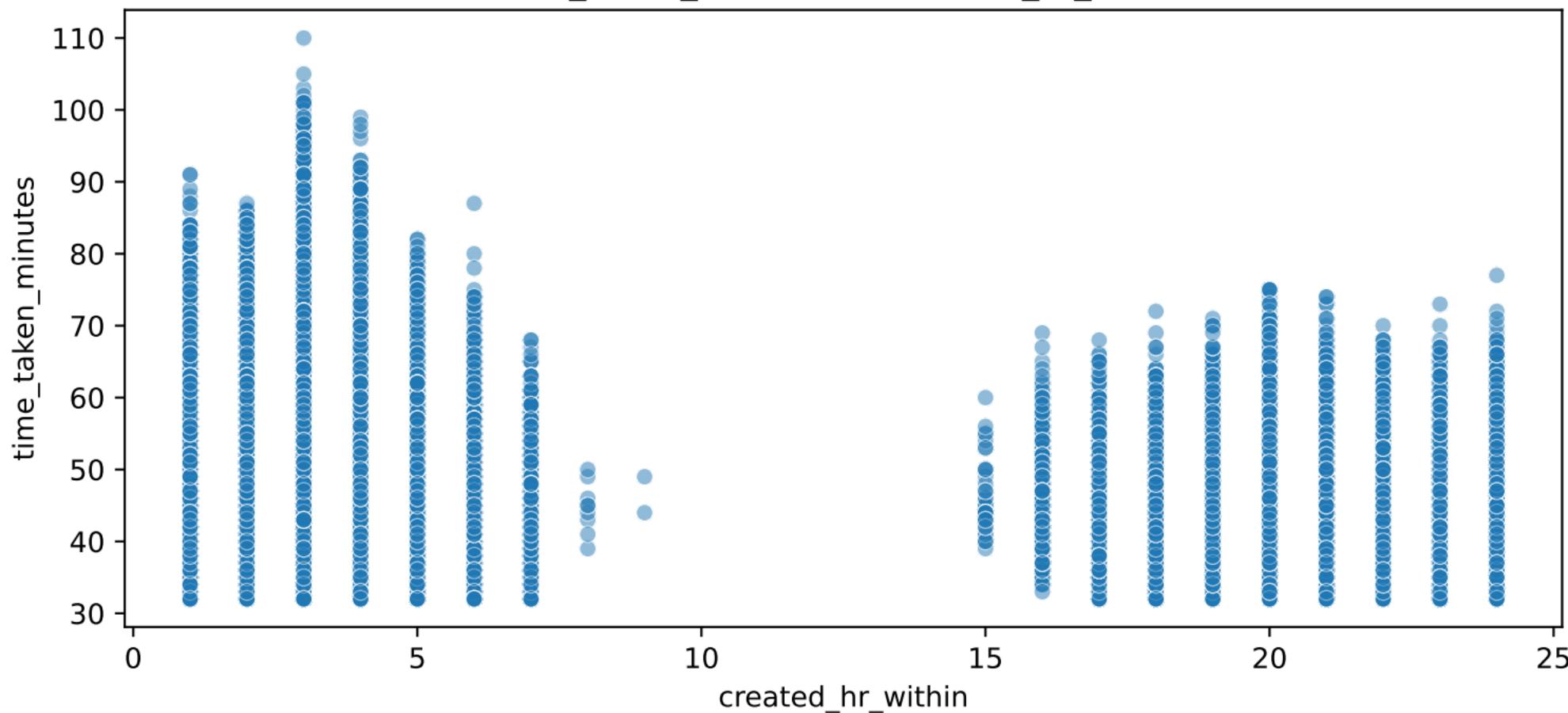
## time taken minutes vs date



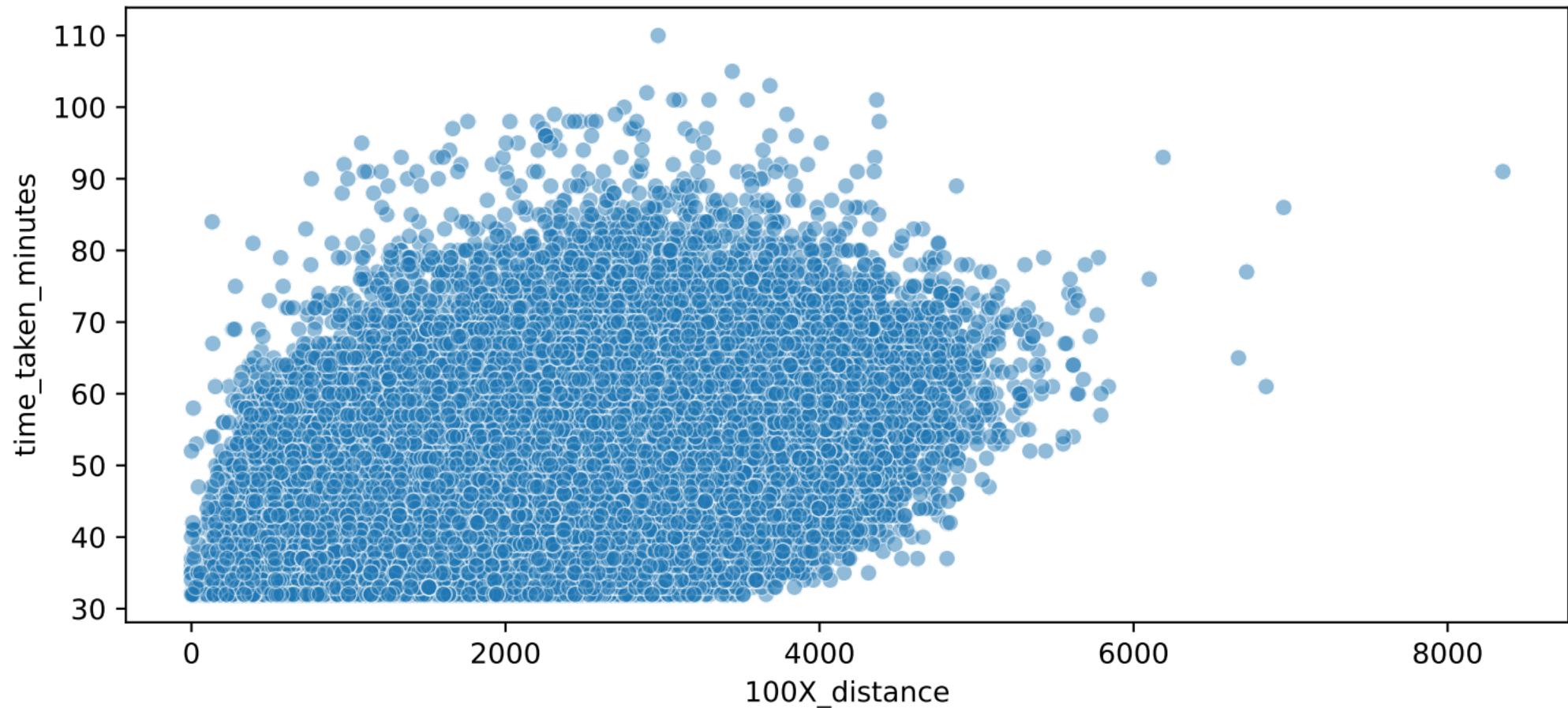
### time\_taken\_minutes vs isWeekend



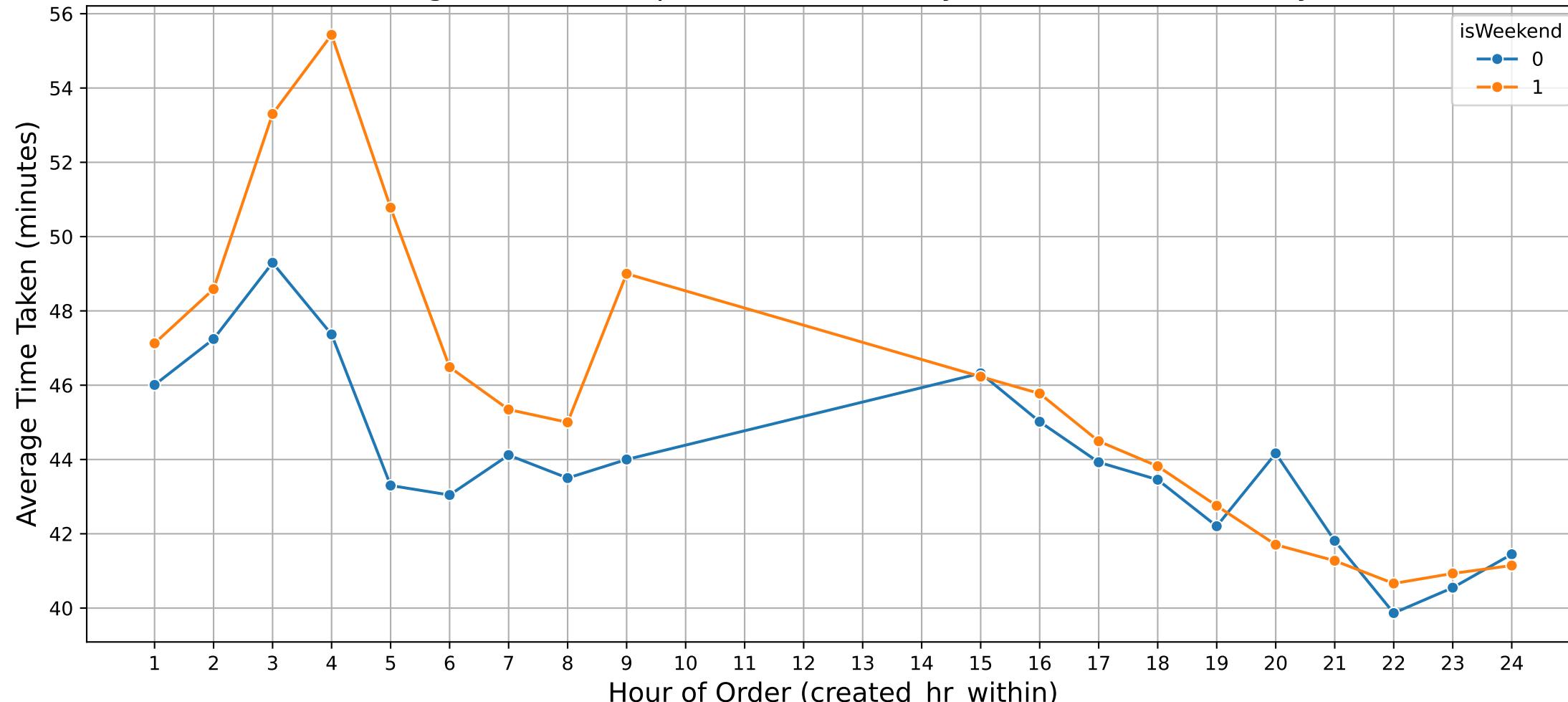
time\_taken\_minutes vs created\_hr\_within

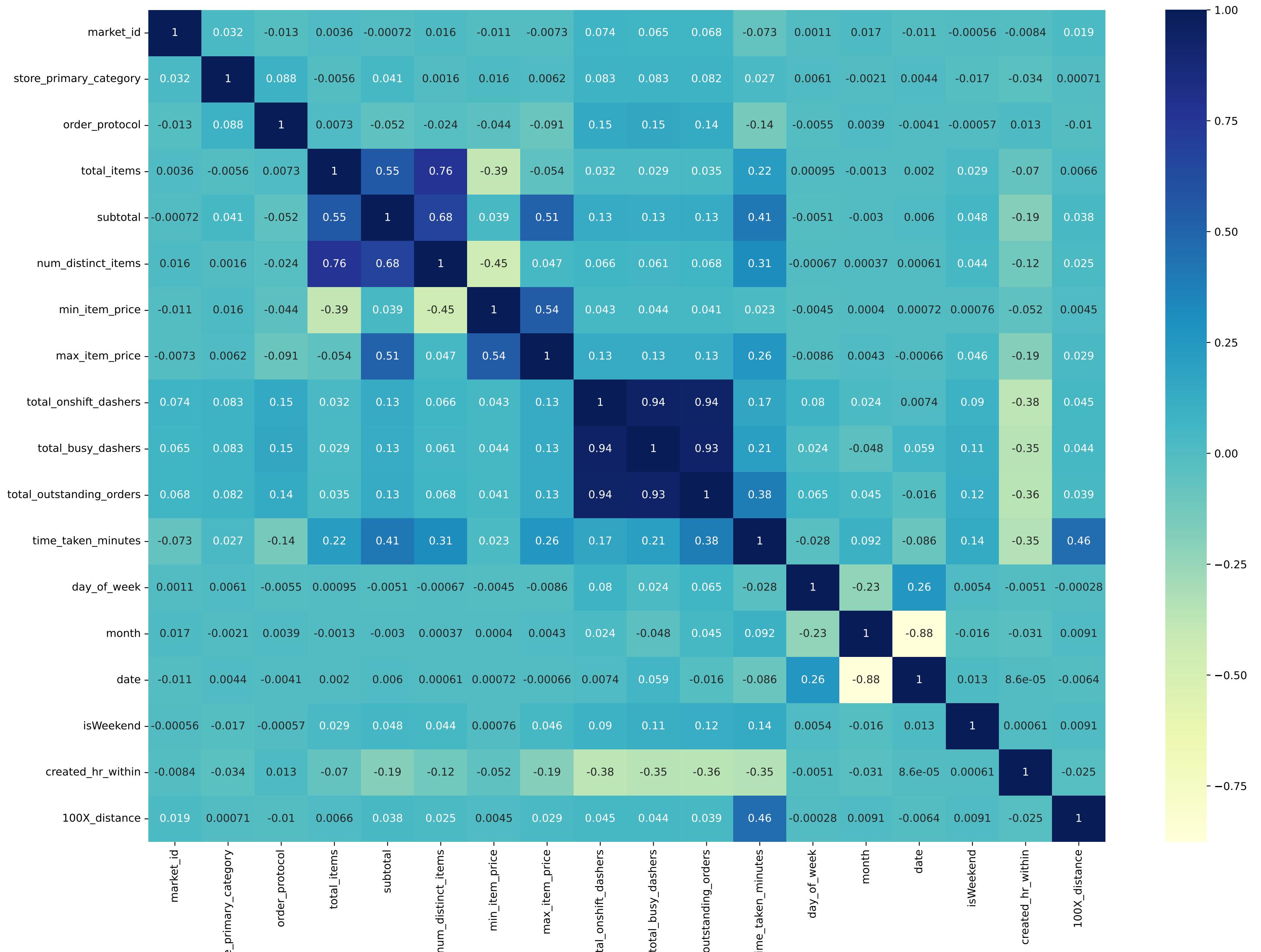


time\_taken\_minutes vs 100X\_distance

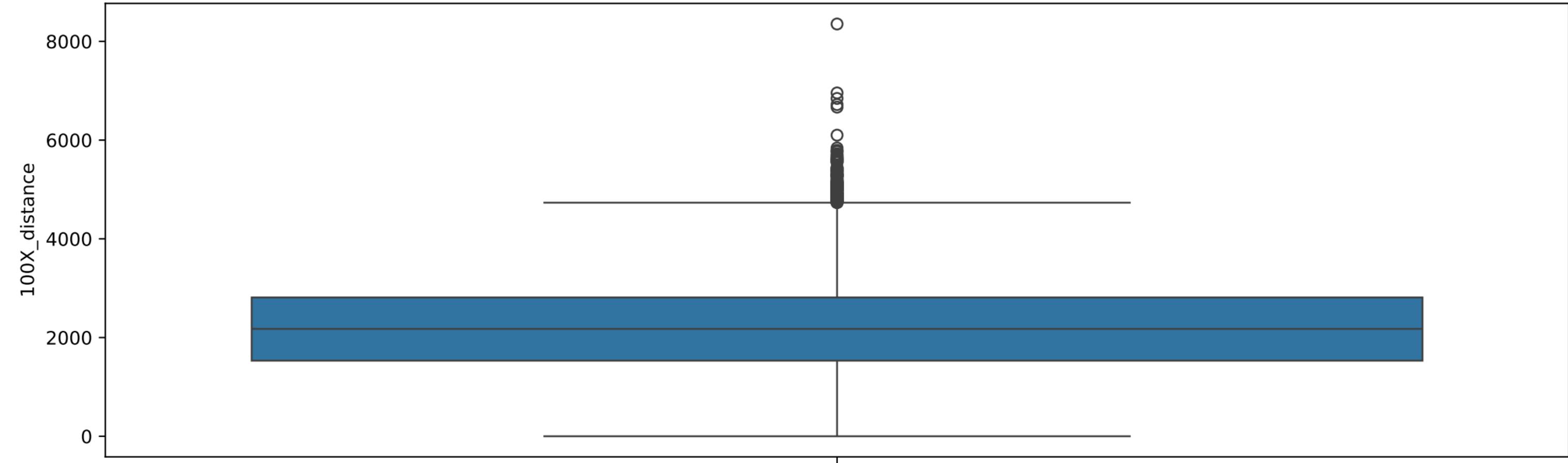


## Average Time Taken per Hour of the Day (Weekend vs Weekday)

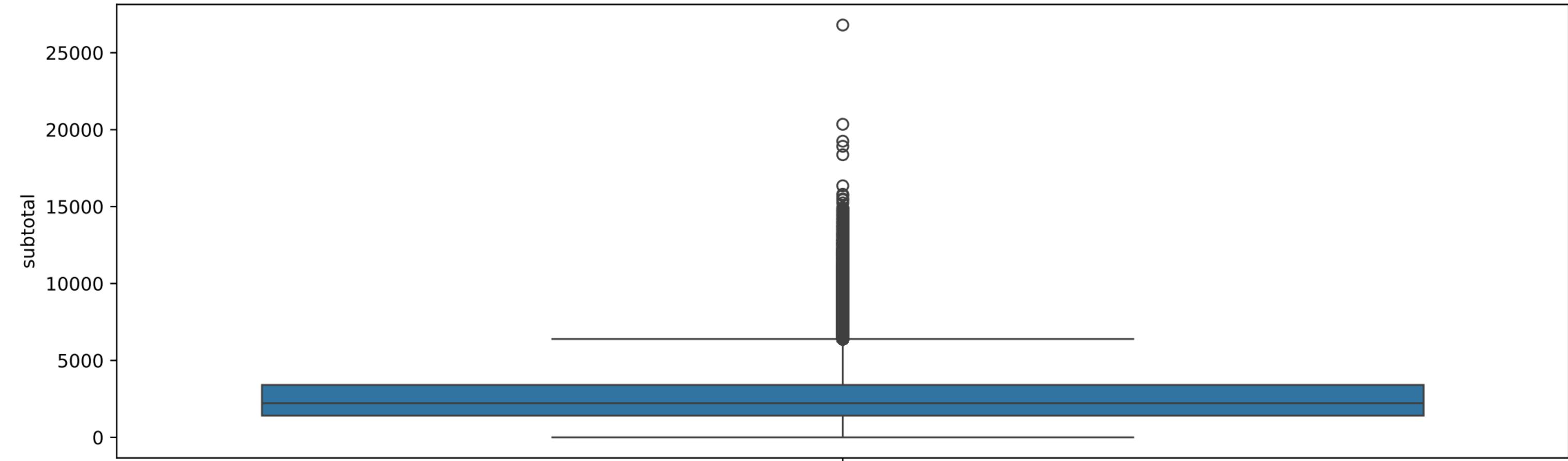




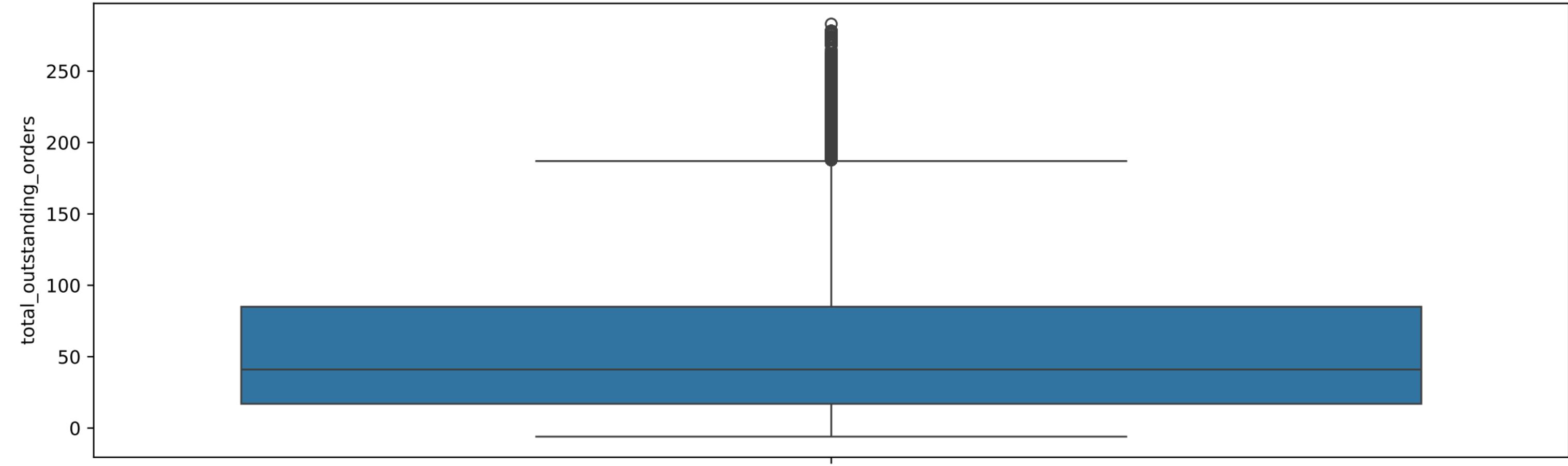
Boxplot of 100X\_distance



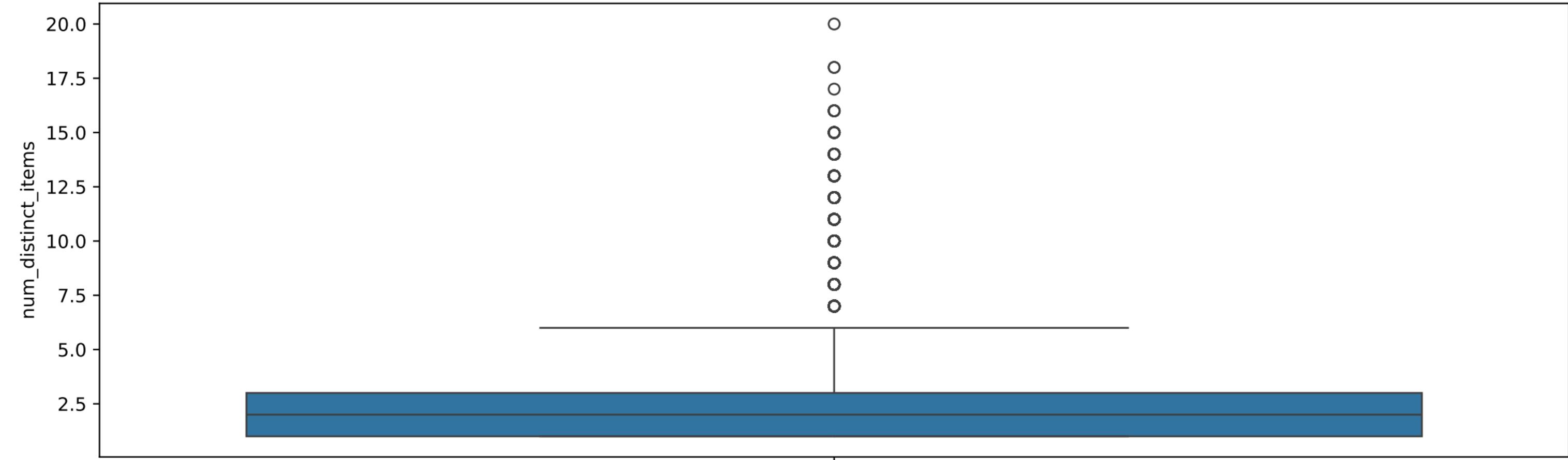
Boxplot of subtotal



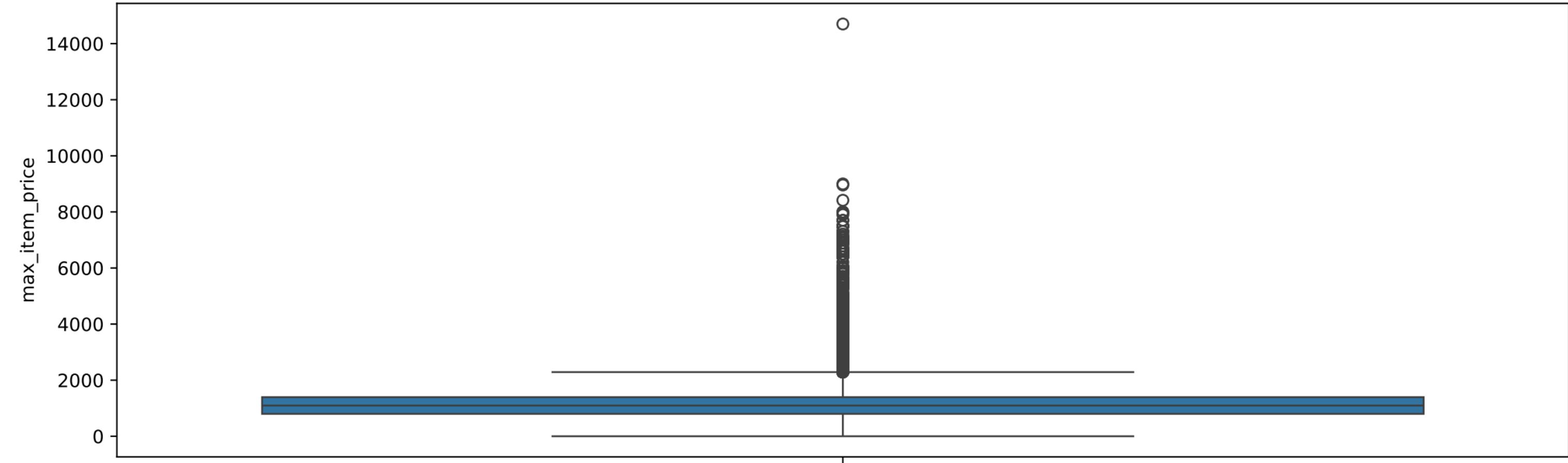
Boxplot of total\_outstanding\_orders



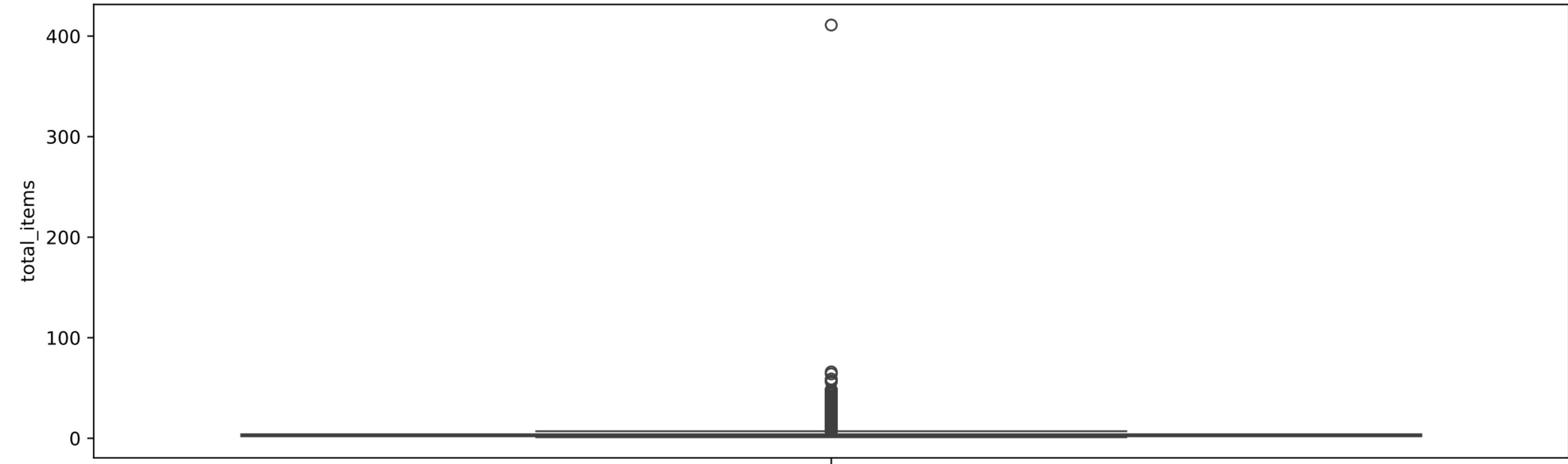
Boxplot of num\_distinct\_items



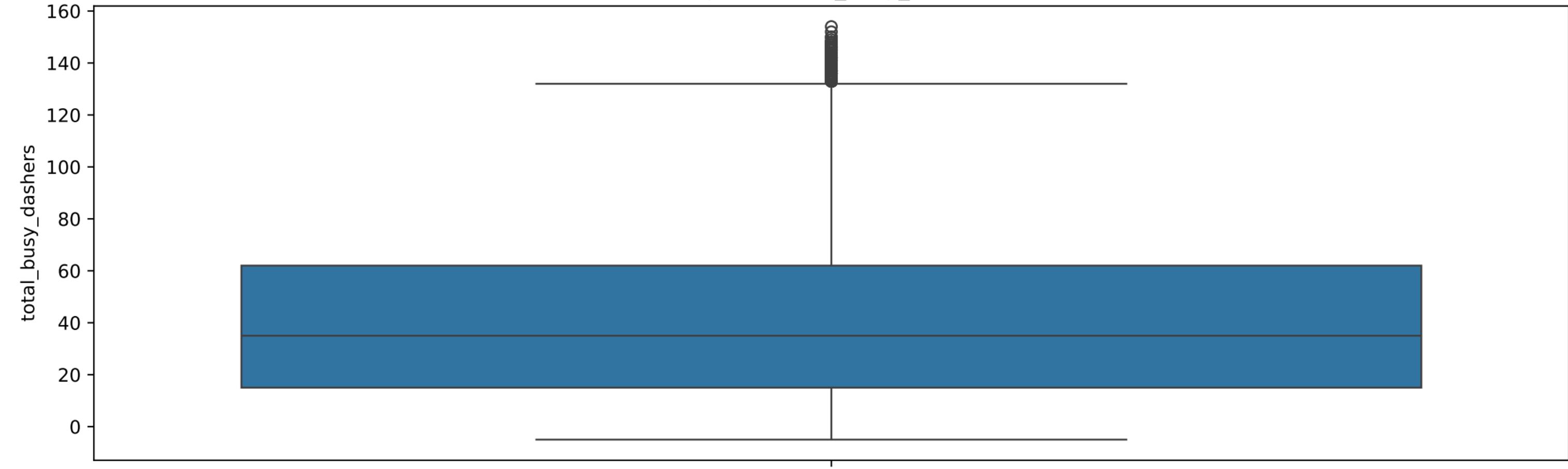
Boxplot of max\_item\_price



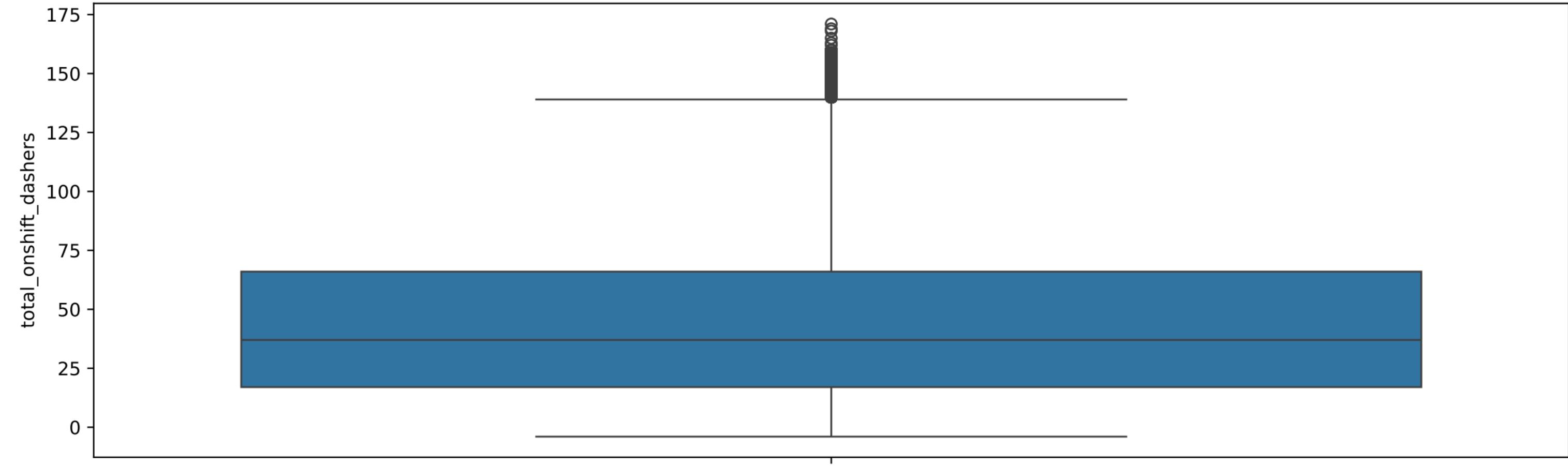
Boxplot of total\_items



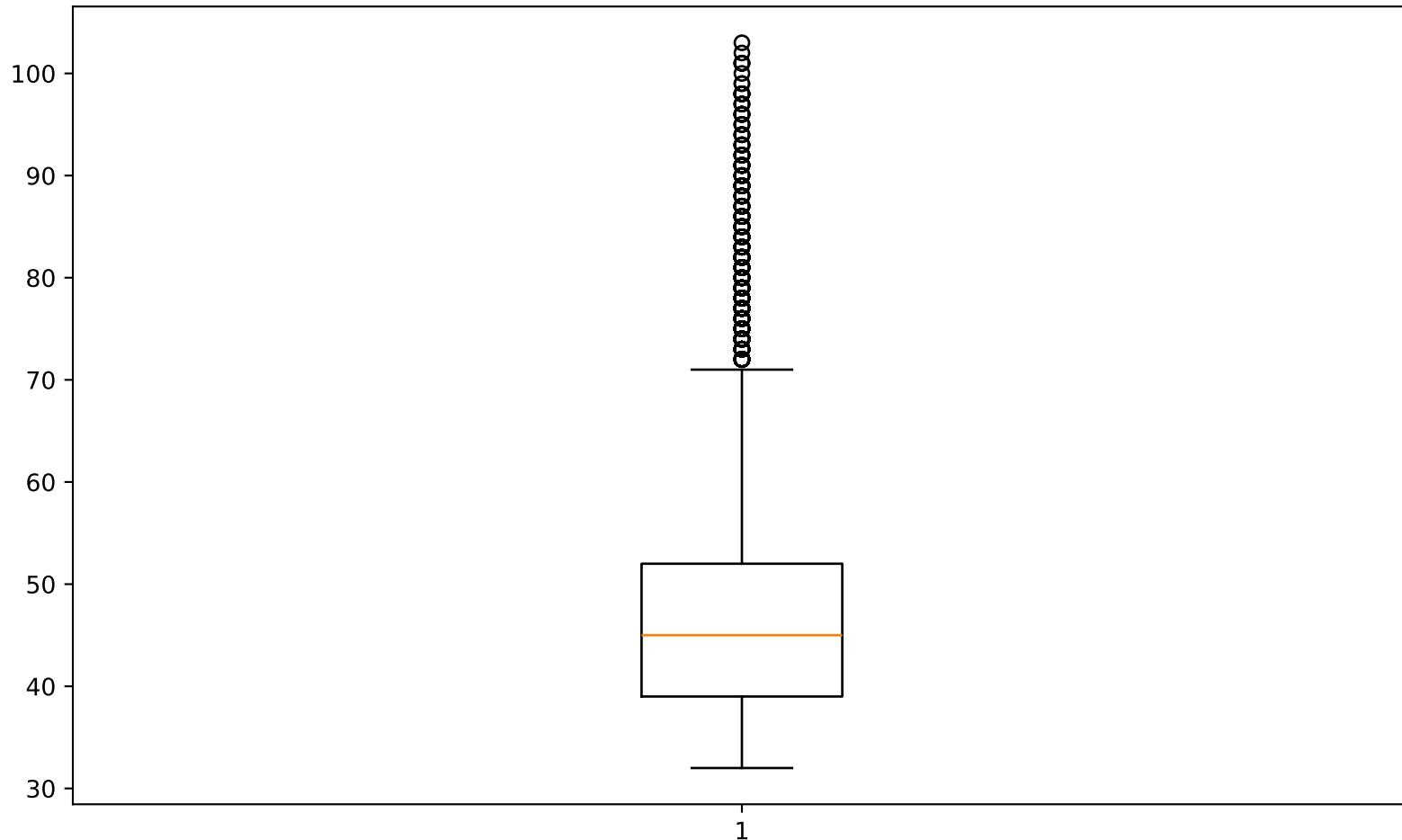
Boxplot of total\_busy\_dashers



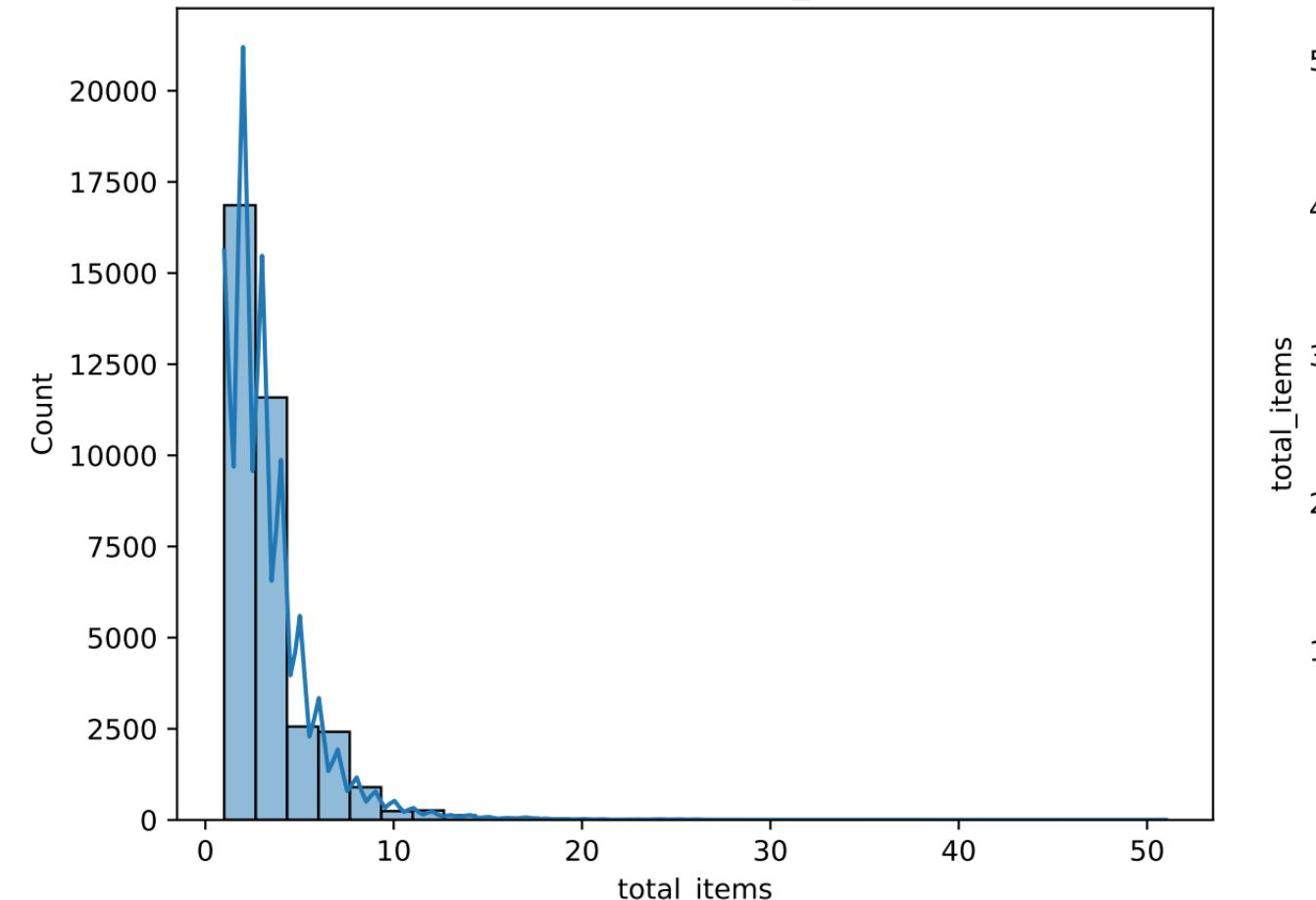
Boxplot of total\_onshift\_dashers



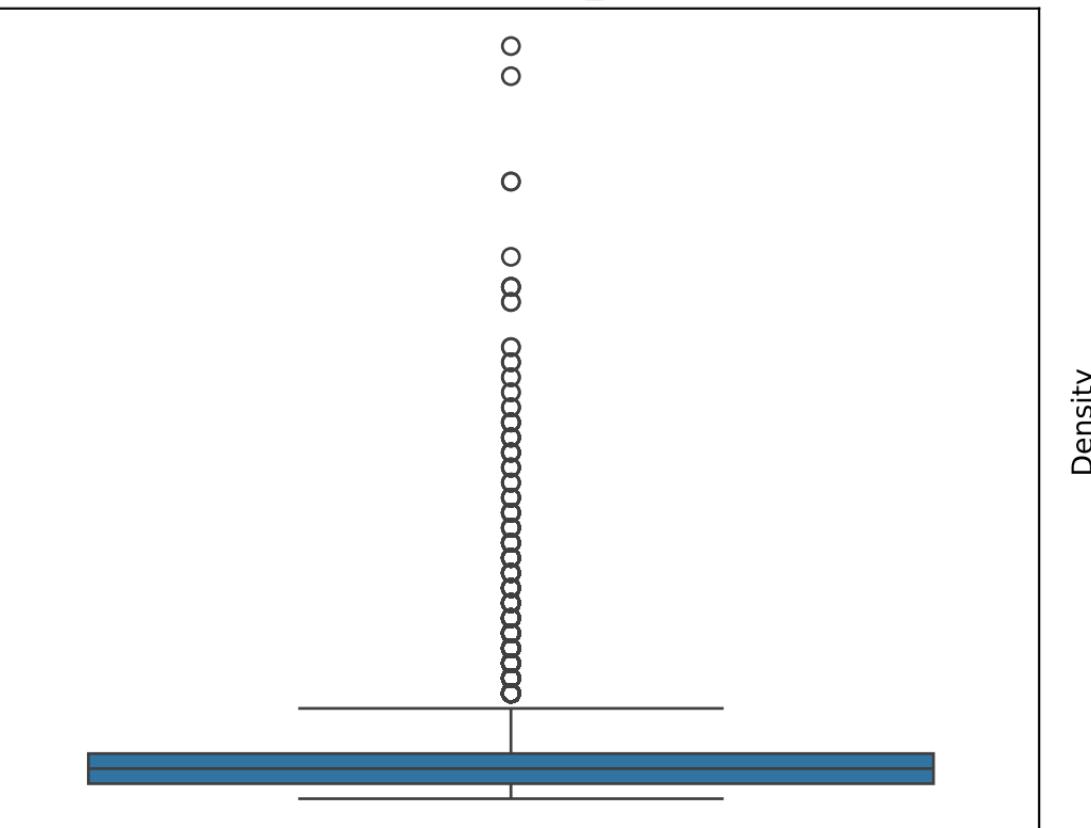
Boxplot of time\_taken\_minutes showing outliers



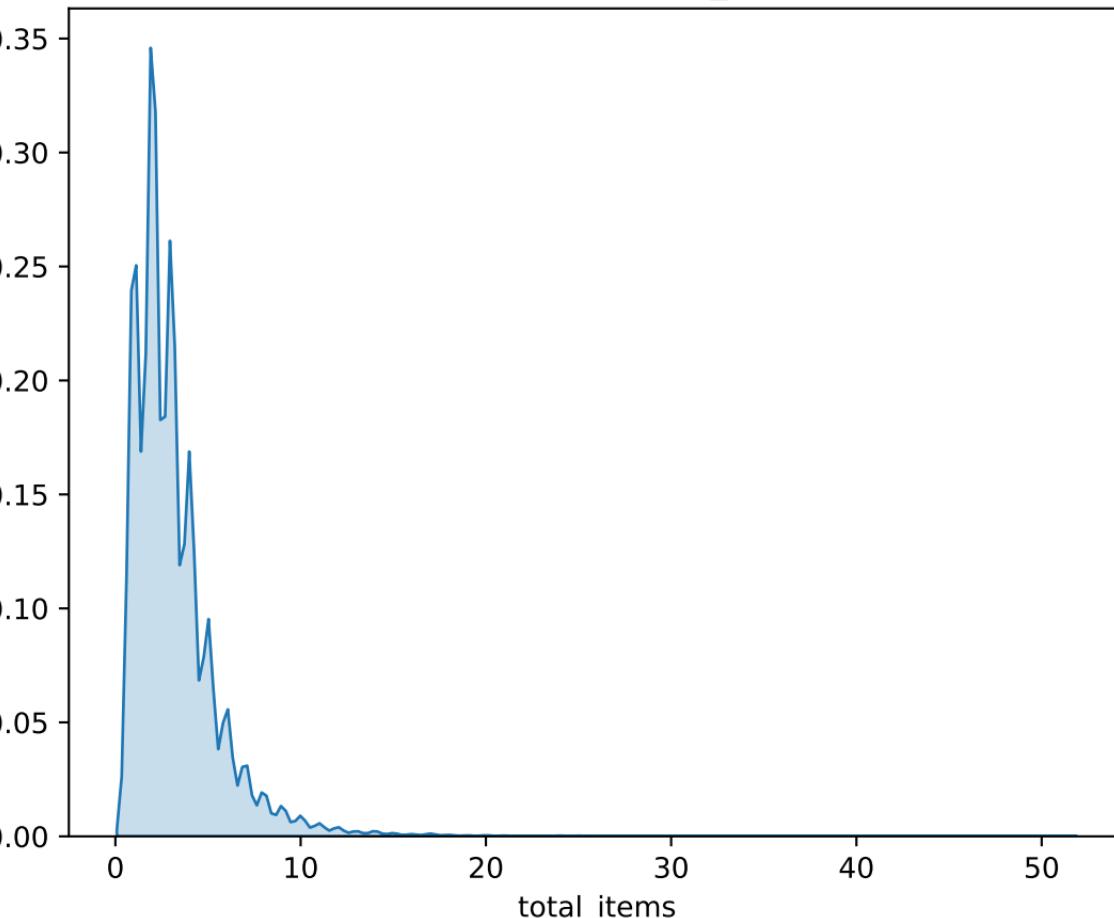
Histogram of total\_items



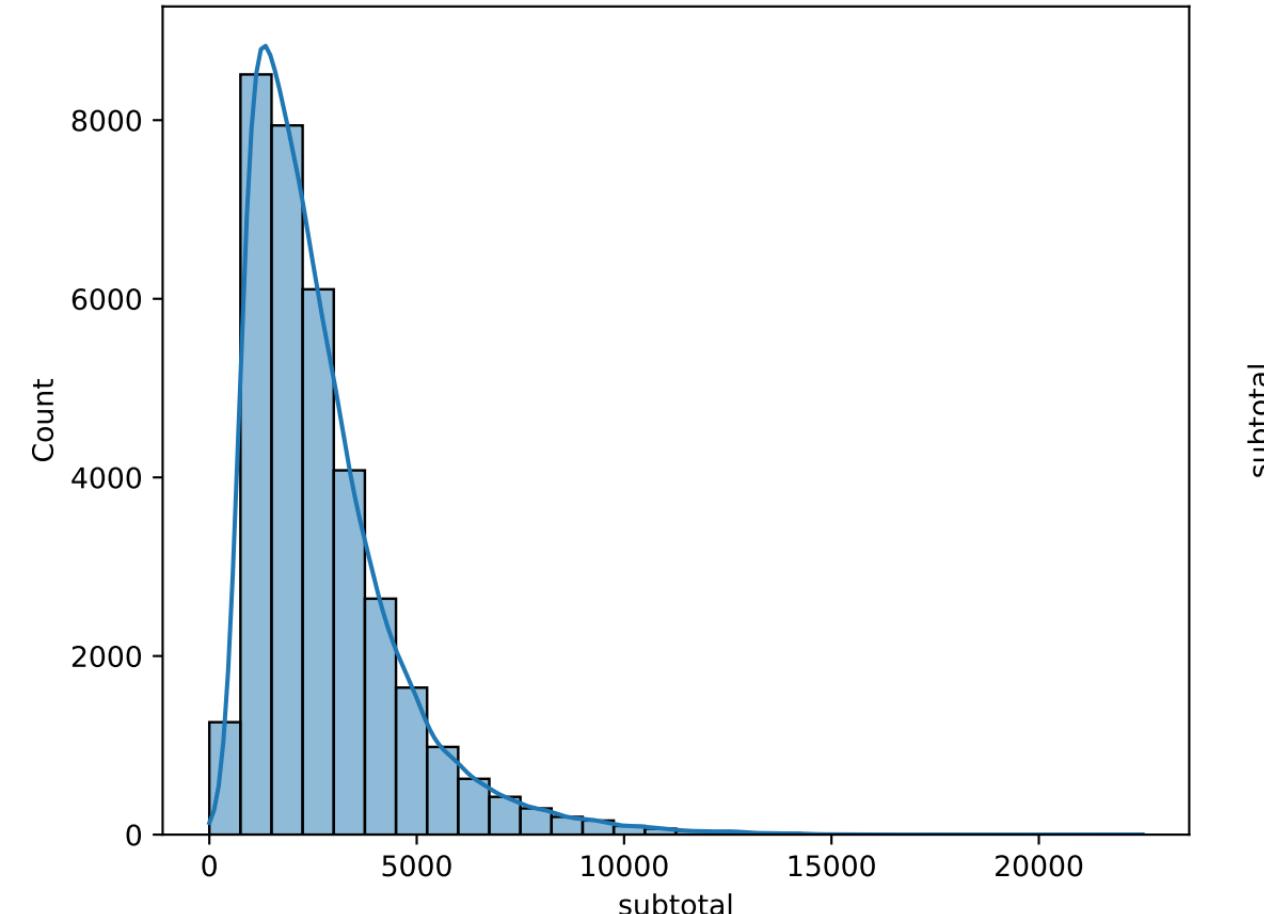
Boxplot of total\_items



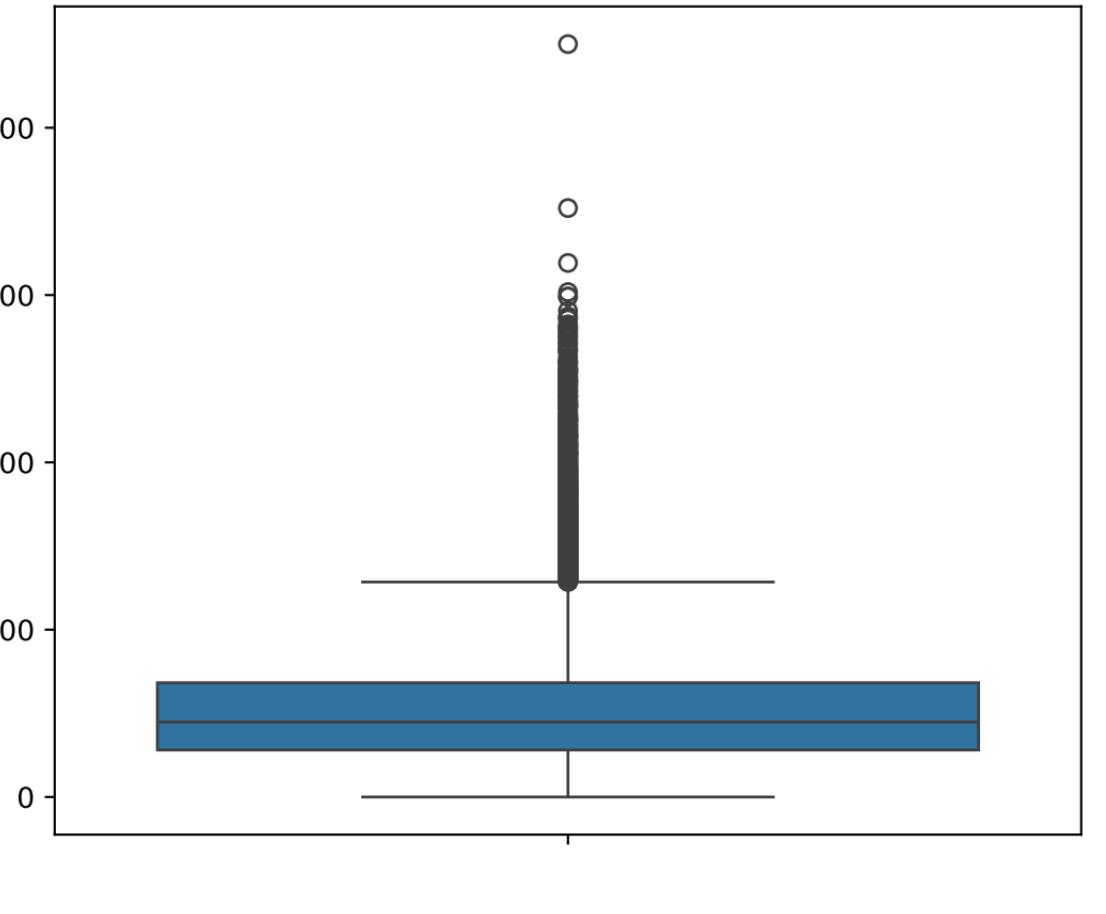
Density Plot of total\_items



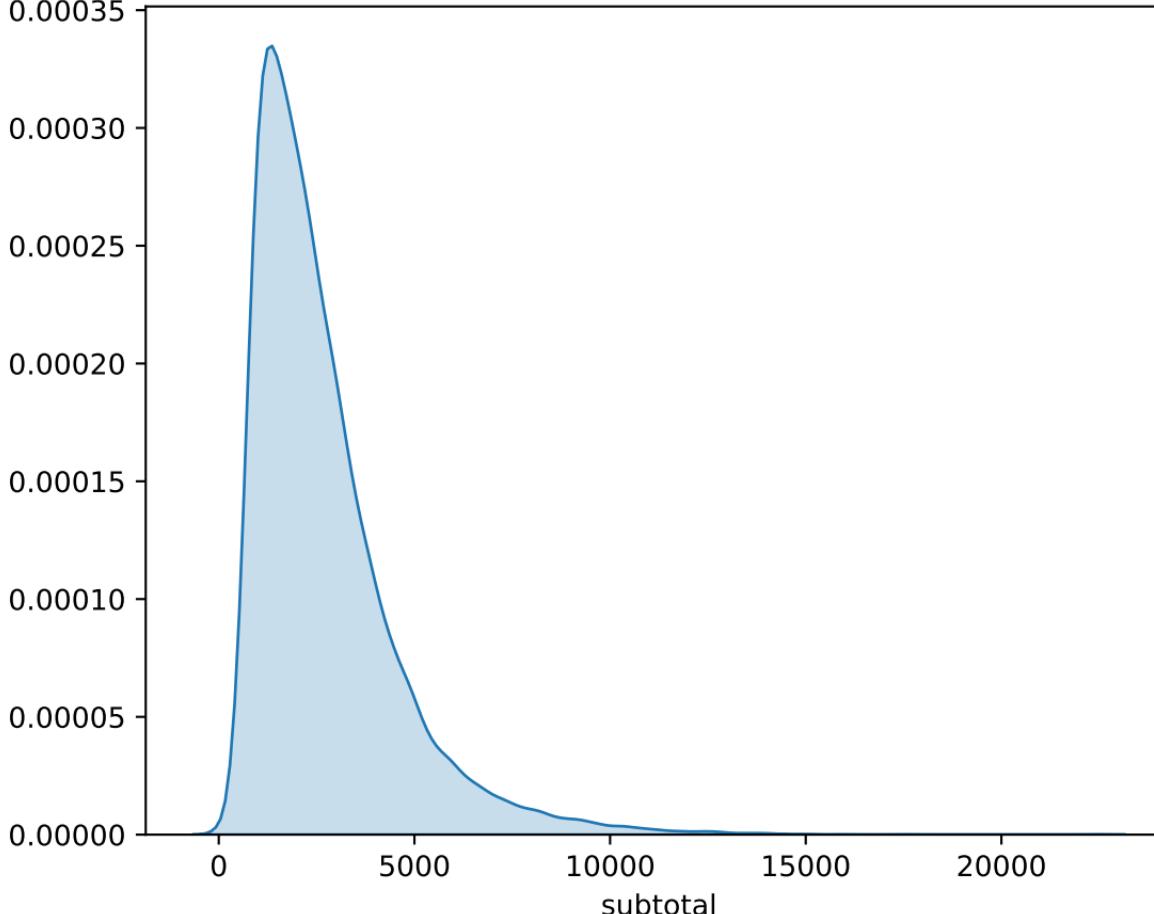
Histogram of subtotal



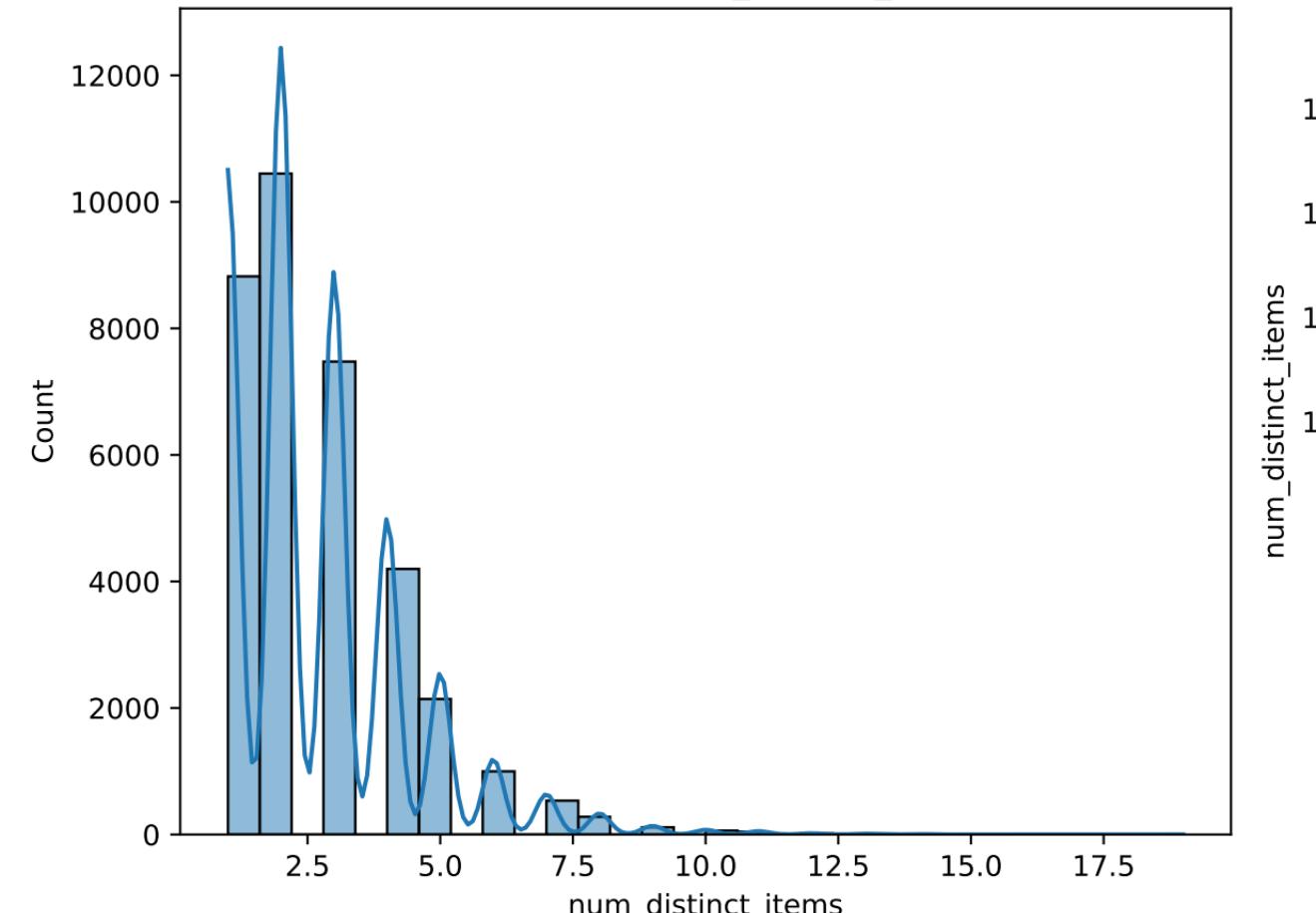
Boxplot of subtotal



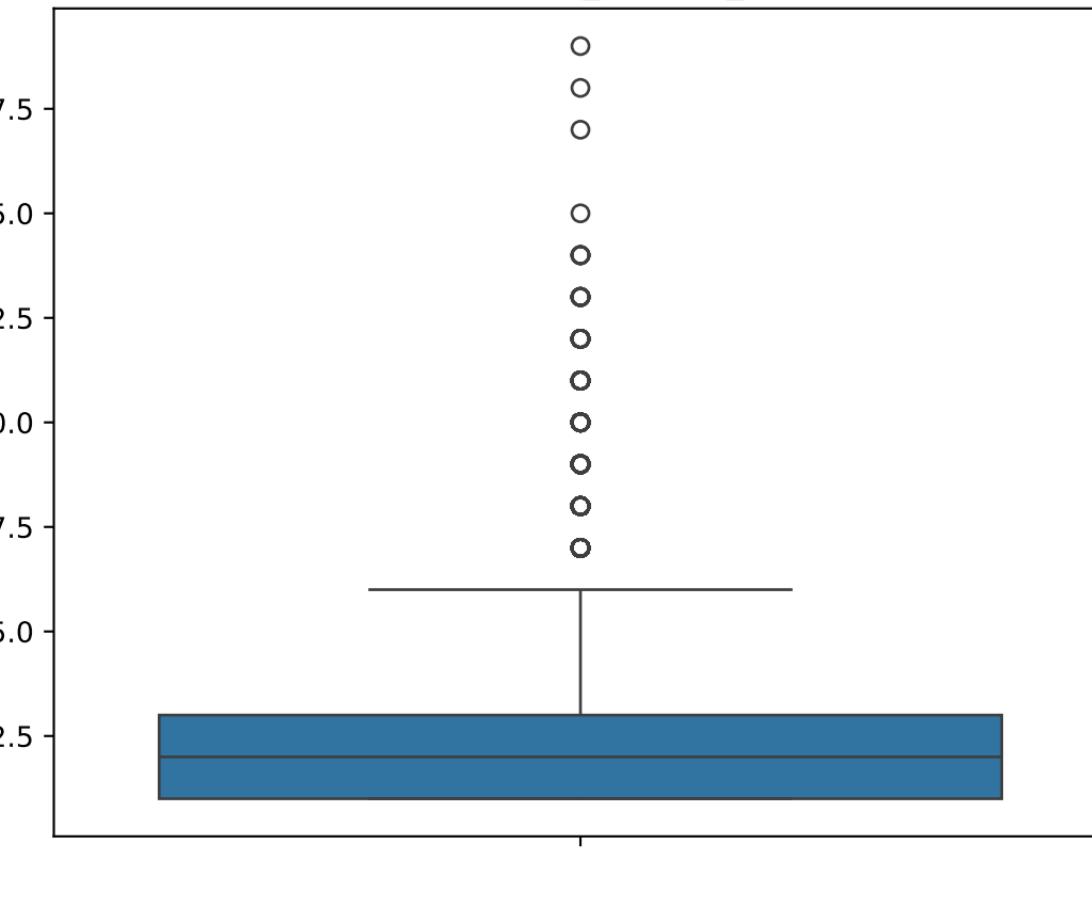
Density Plot of subtotal



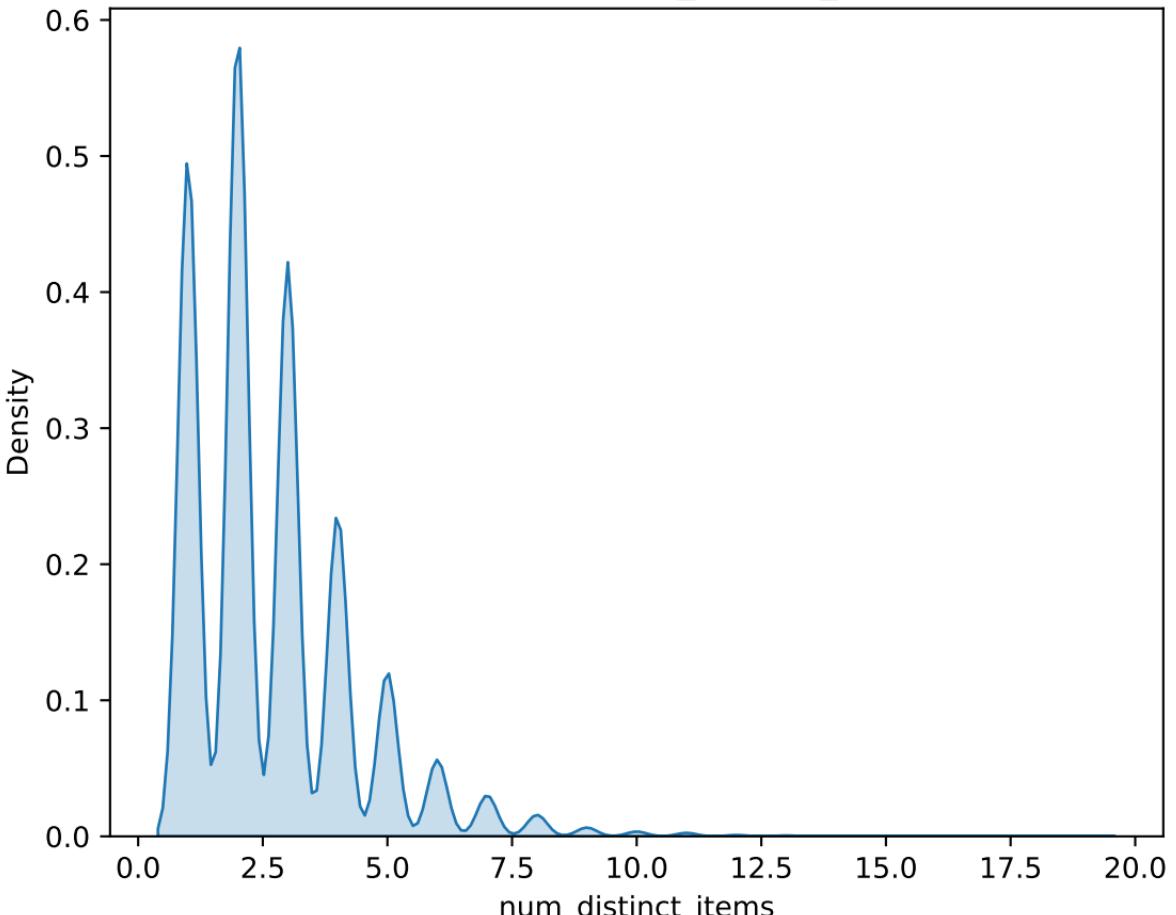
Histogram of num\_distinct\_items



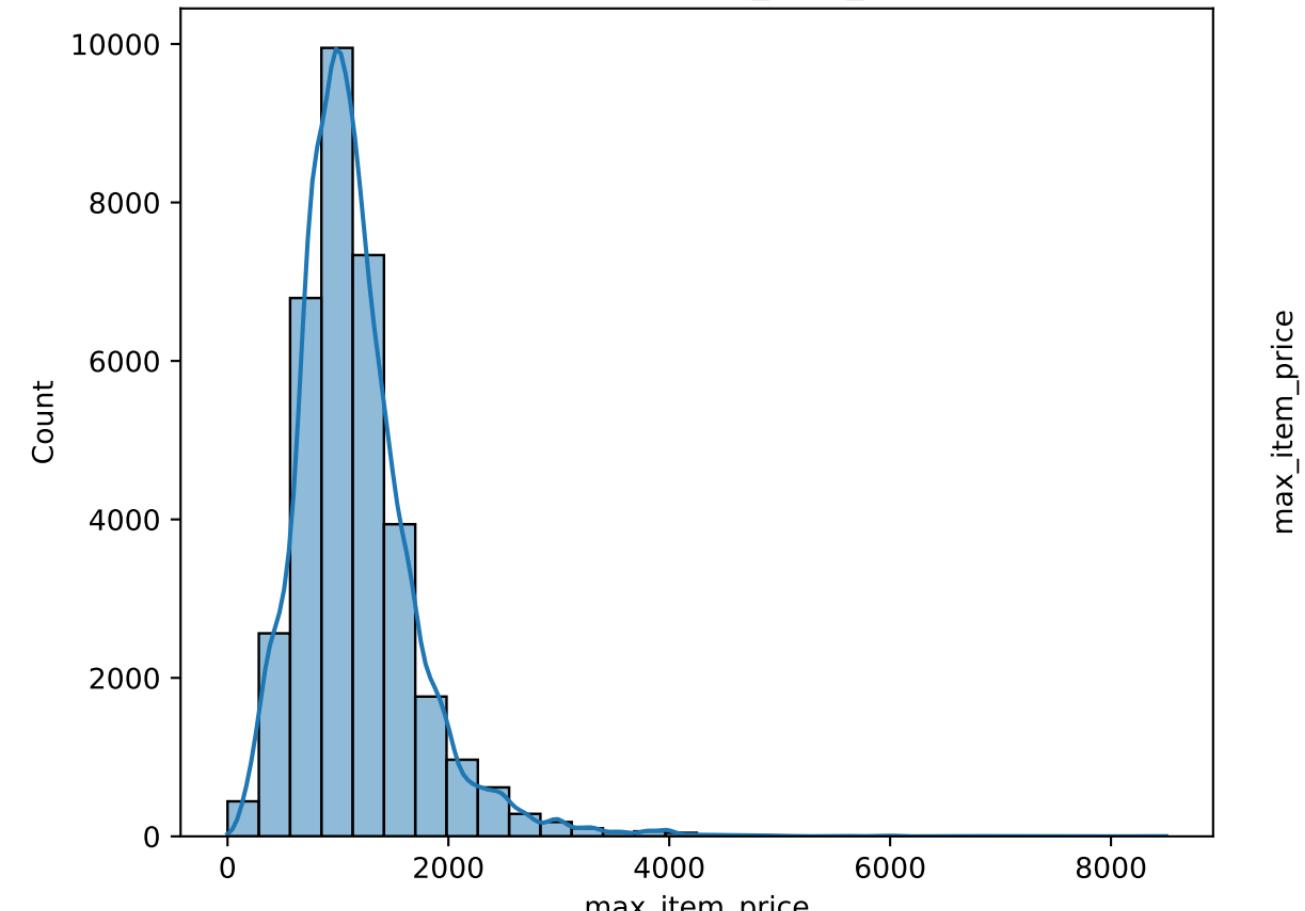
Boxplot of num\_distinct\_items



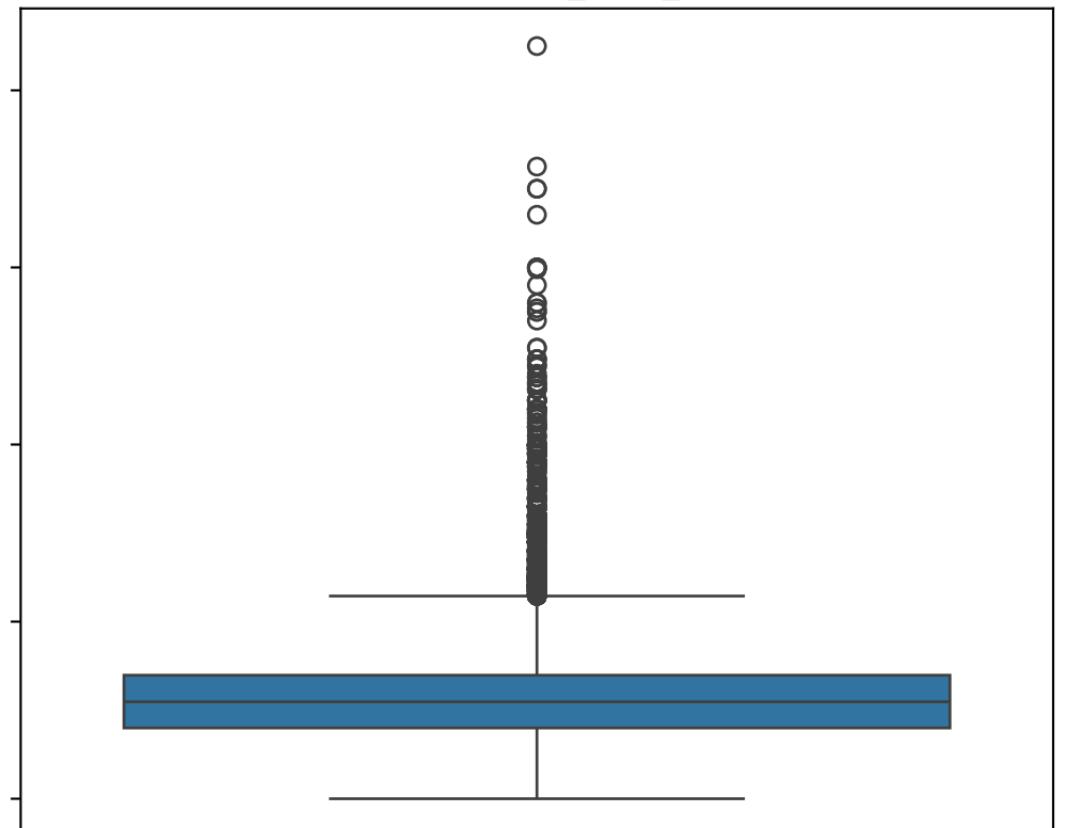
Density Plot of num\_distinct\_items



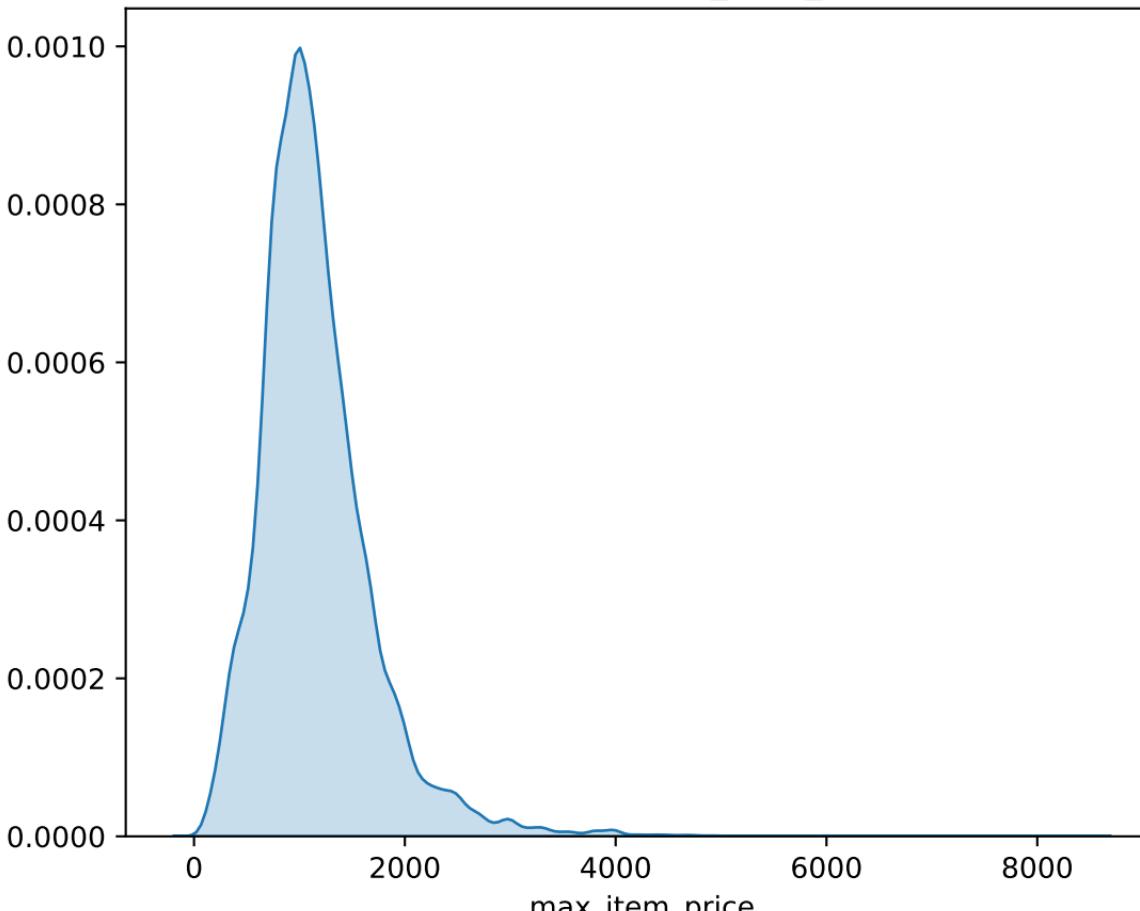
Histogram of max\_item\_price



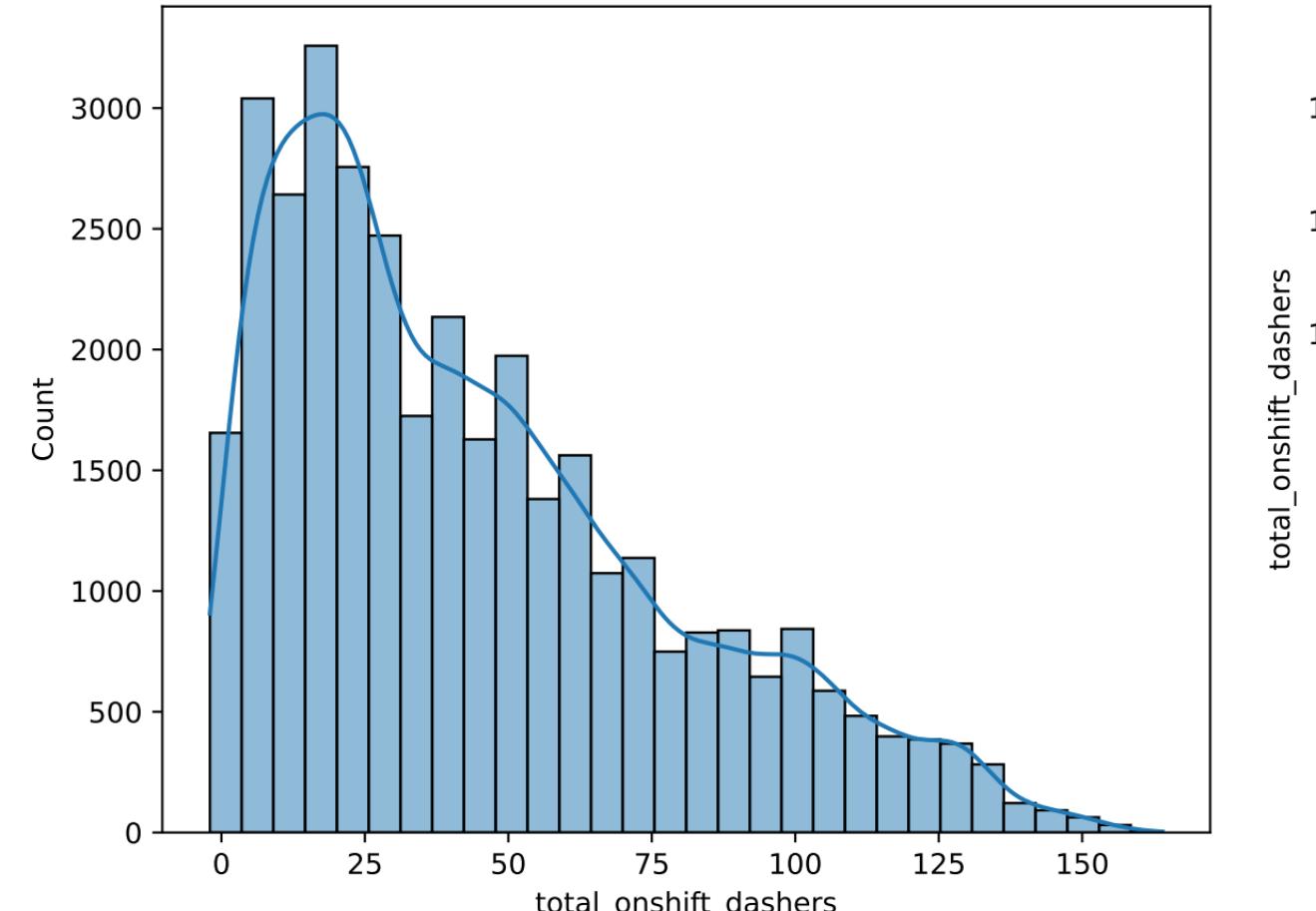
Boxplot of max\_item\_price



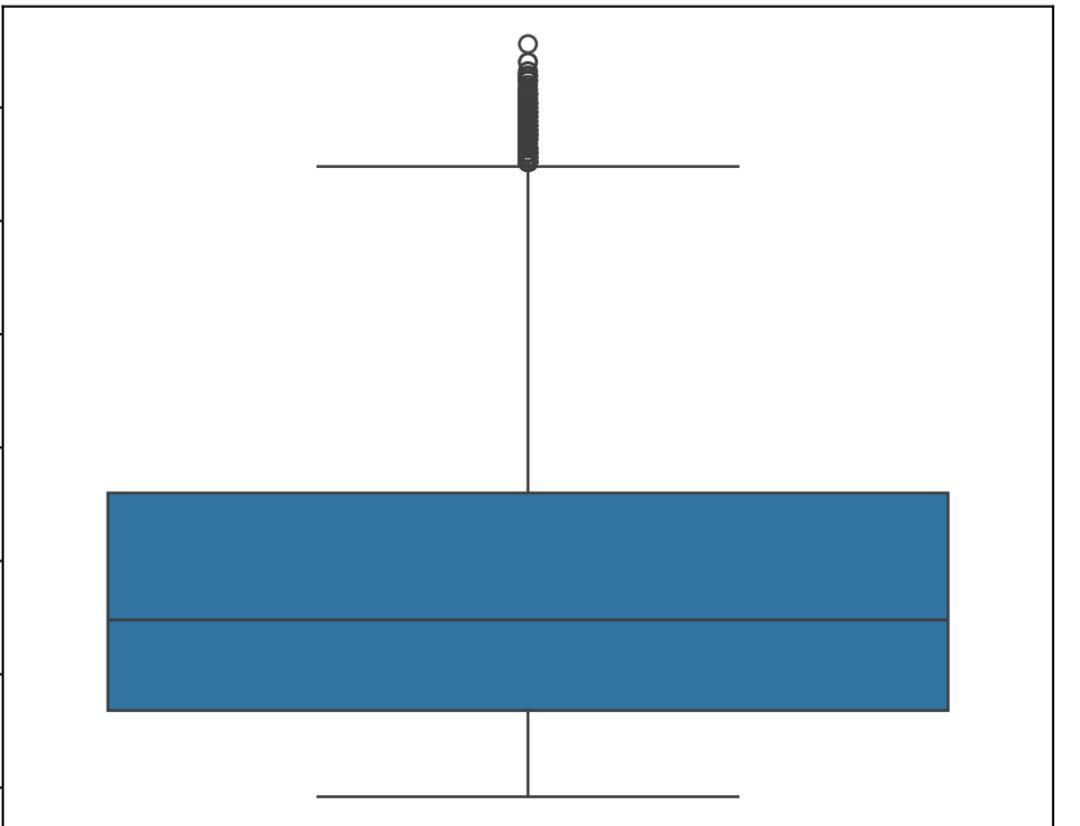
Density Plot of max\_item\_price



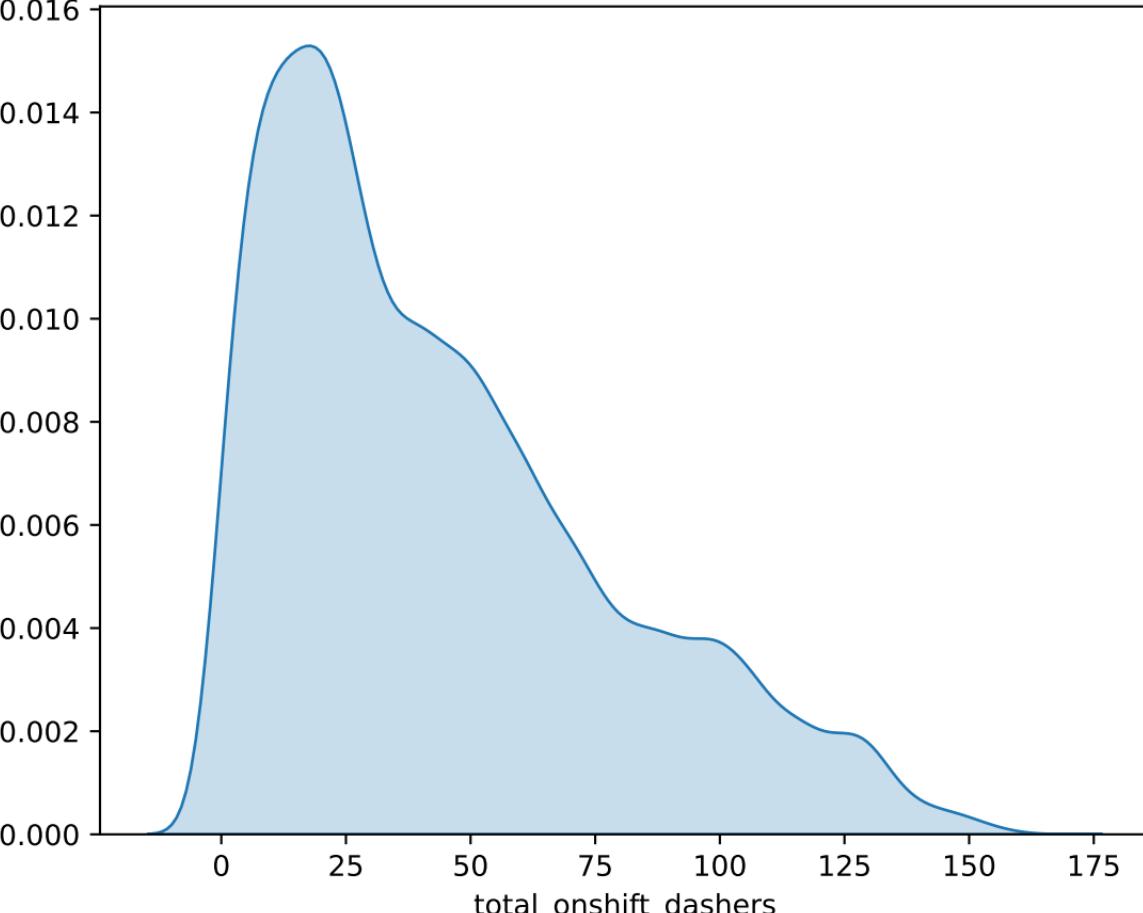
Histogram of total\_onshift\_dashers



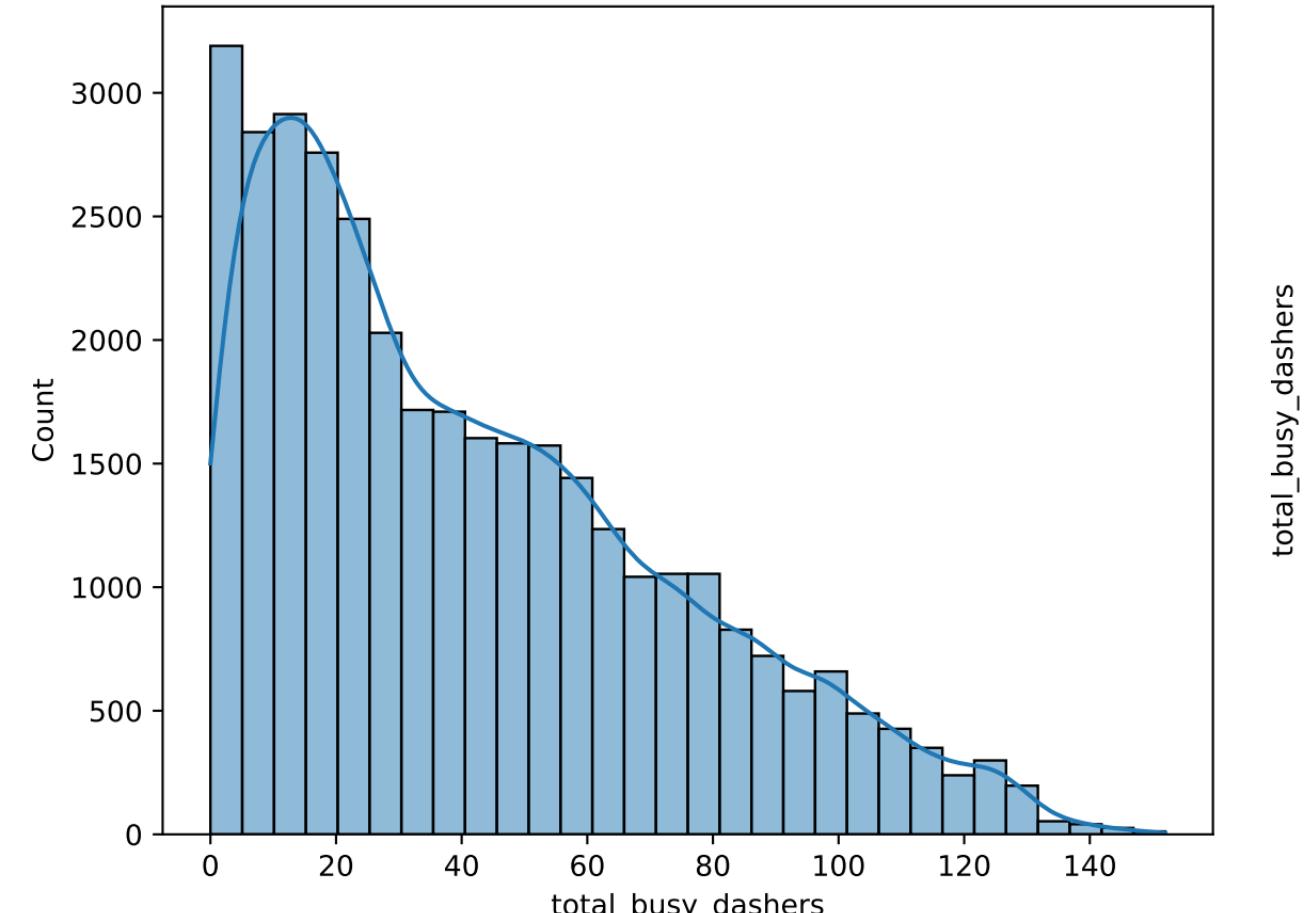
Boxplot of total\_onshift\_dashers



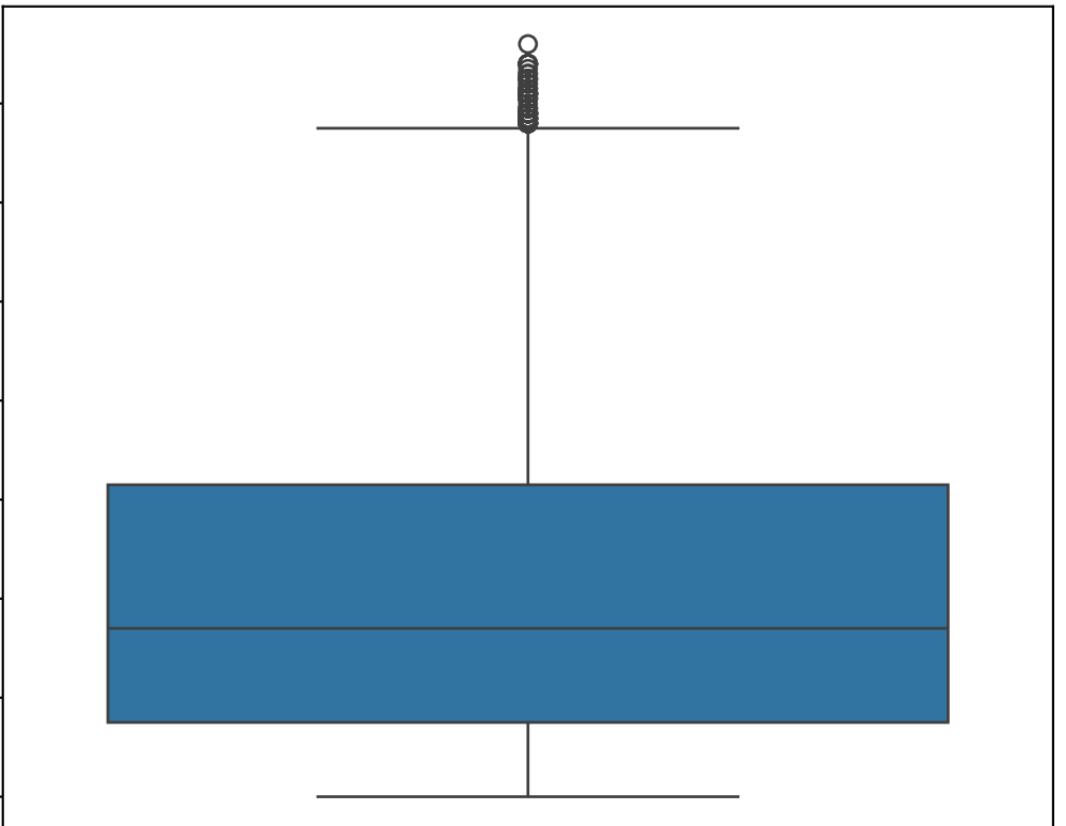
Density Plot of total\_onshift\_dashers



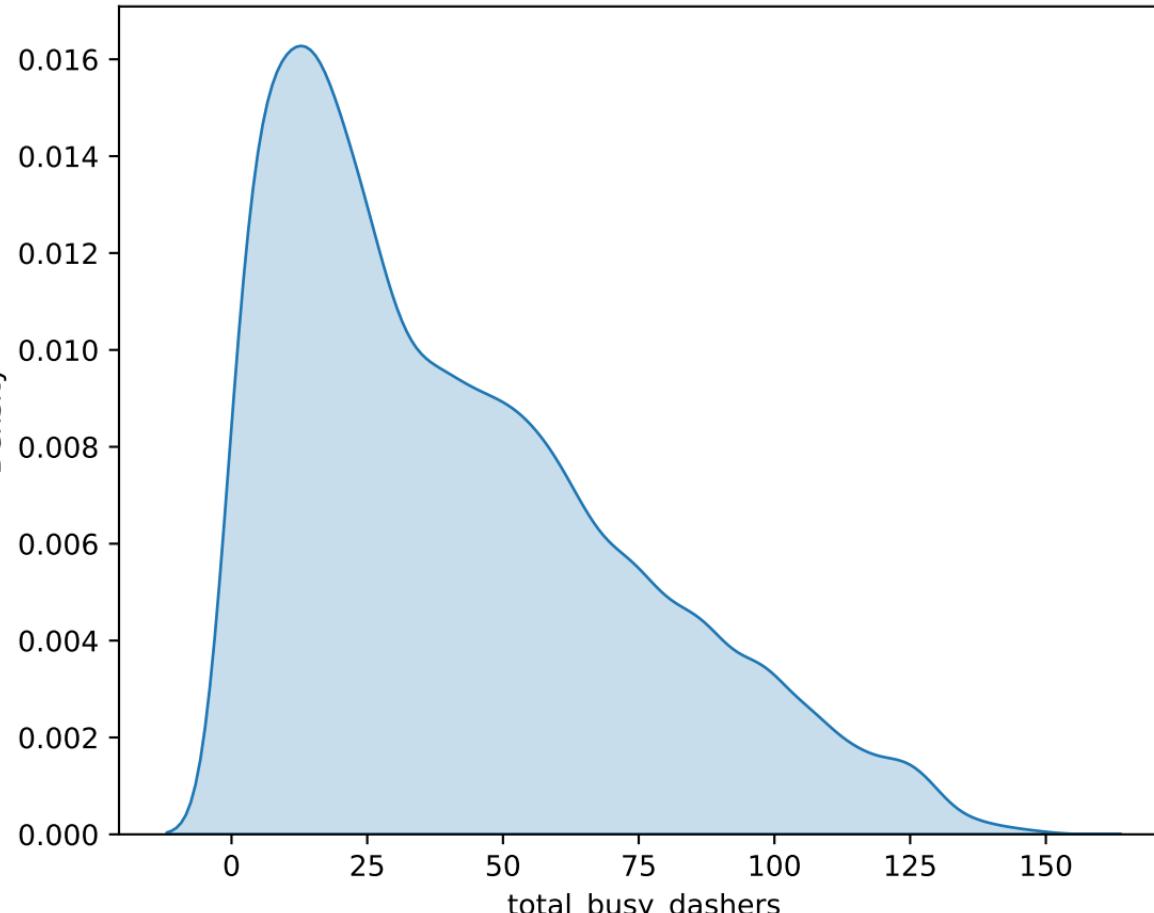
Histogram of total\_busy\_dashers



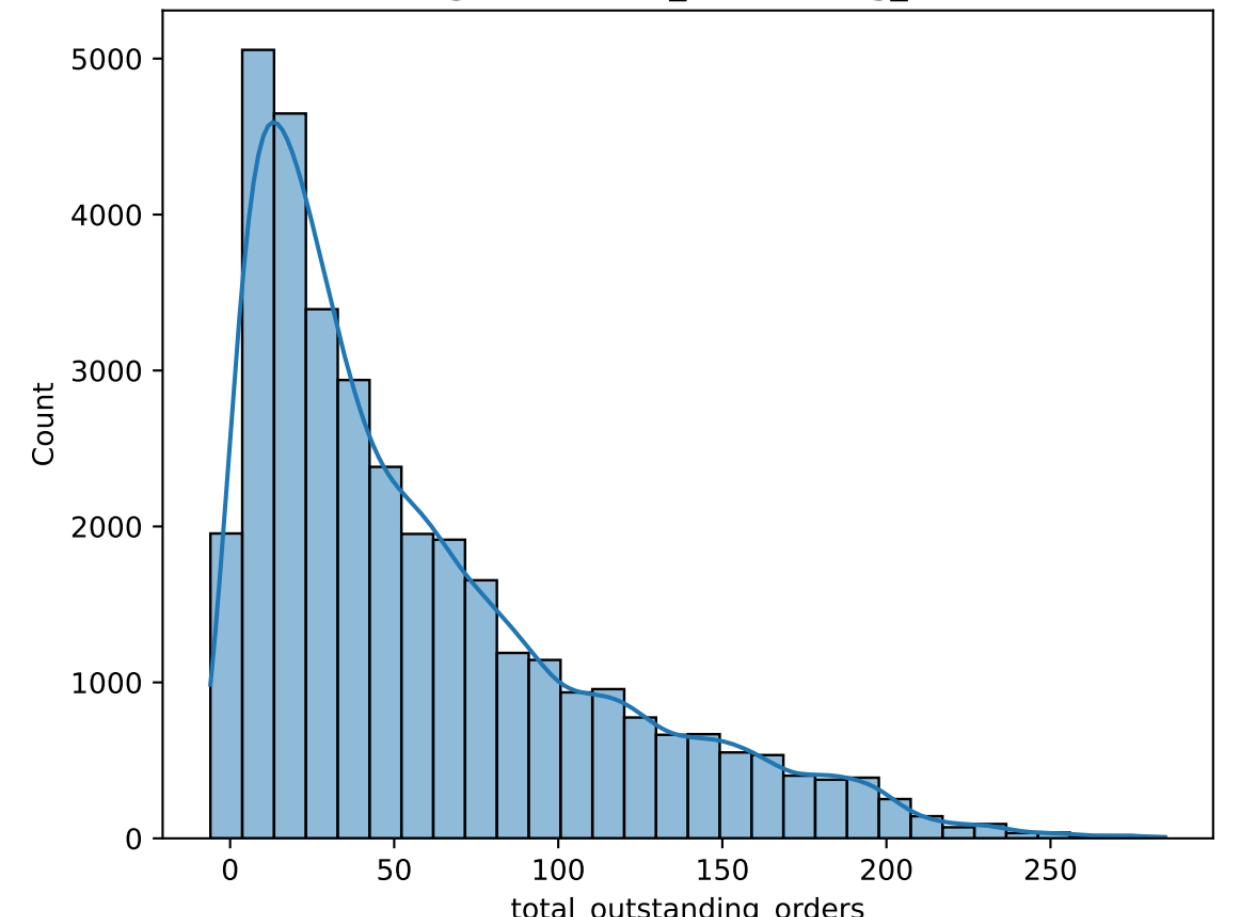
Boxplot of total\_busy\_dashers



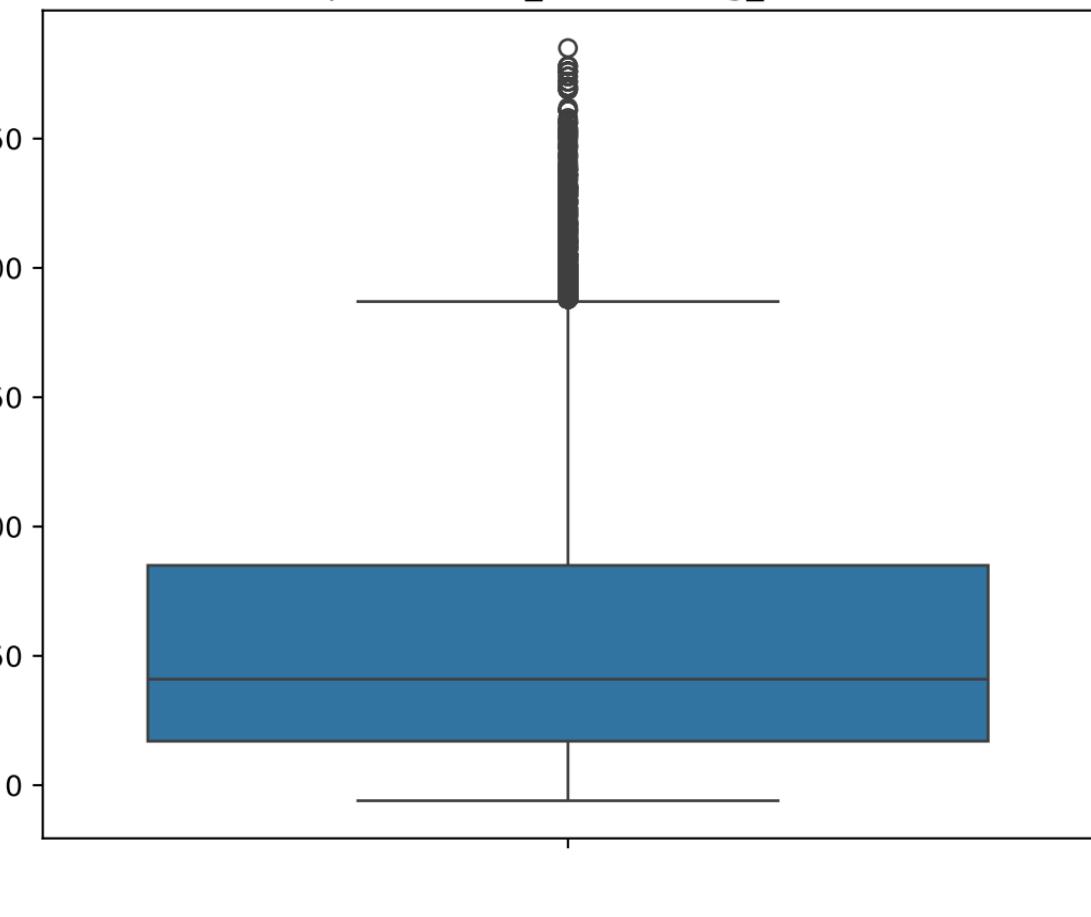
Density Plot of total\_busy\_dashers



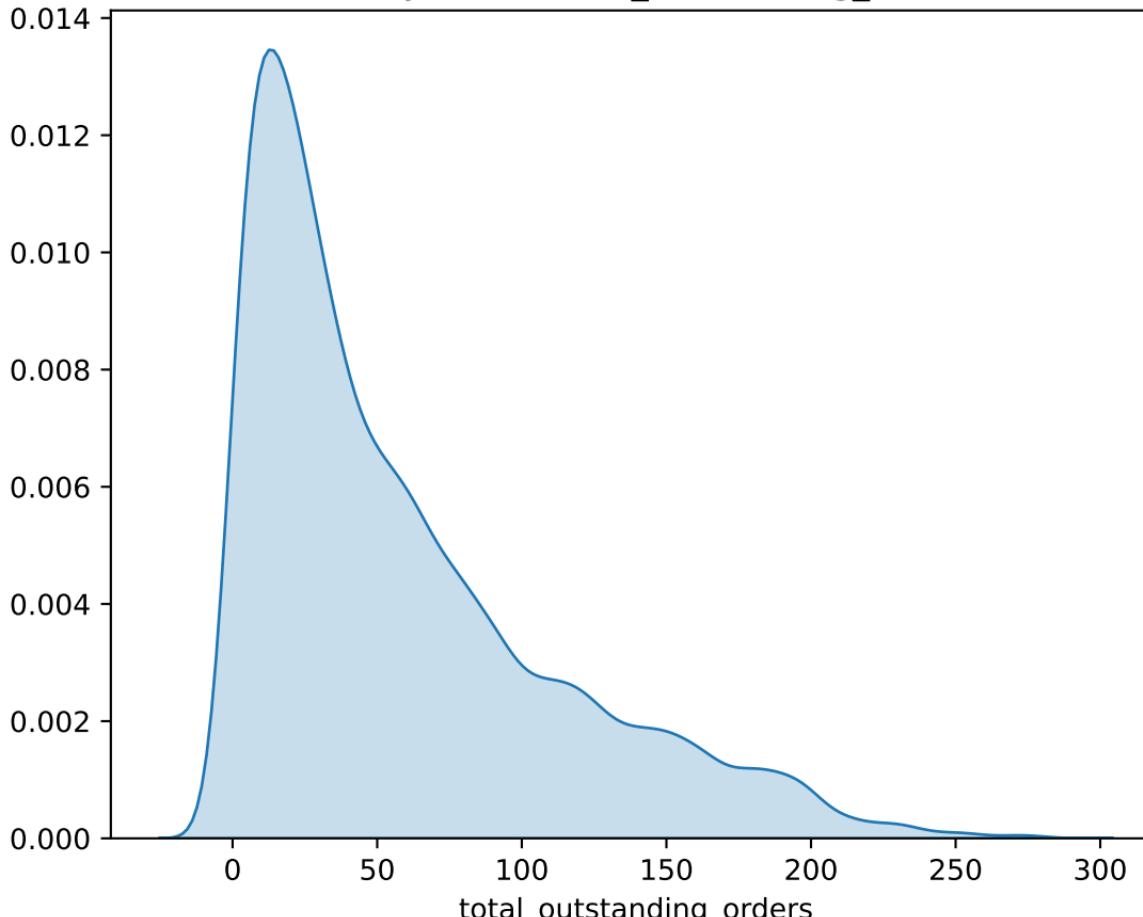
Histogram of total\_outstanding\_orders



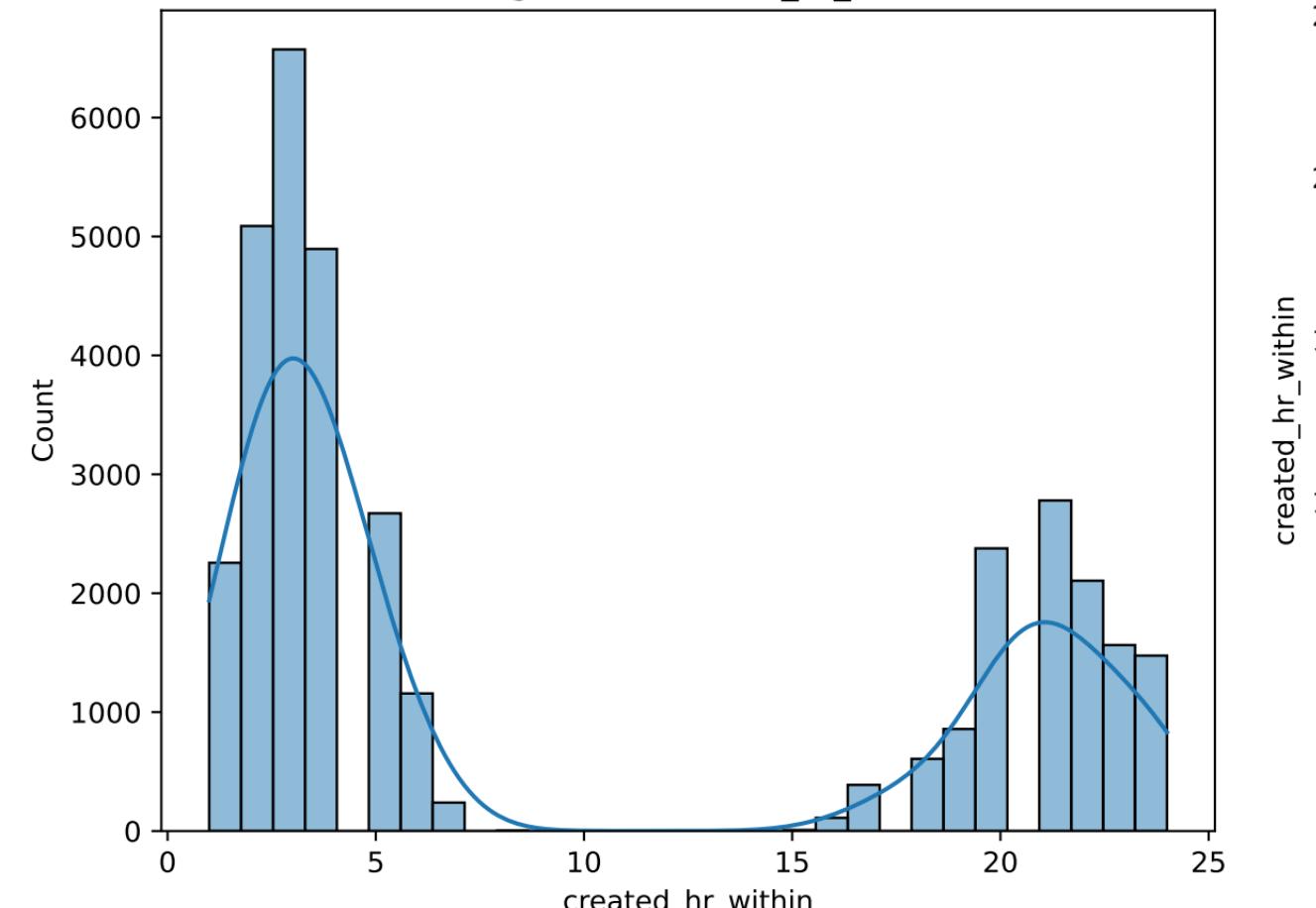
Boxplot of total\_outstanding\_orders



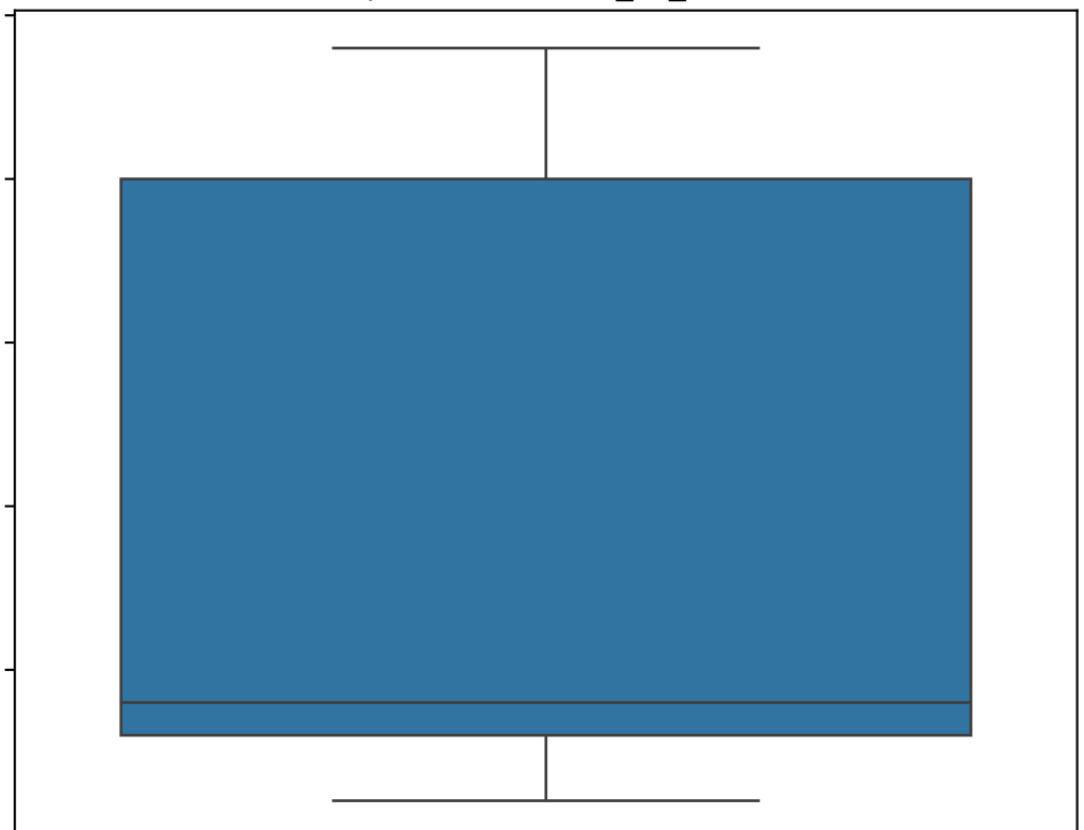
Density Plot of total\_outstanding\_orders



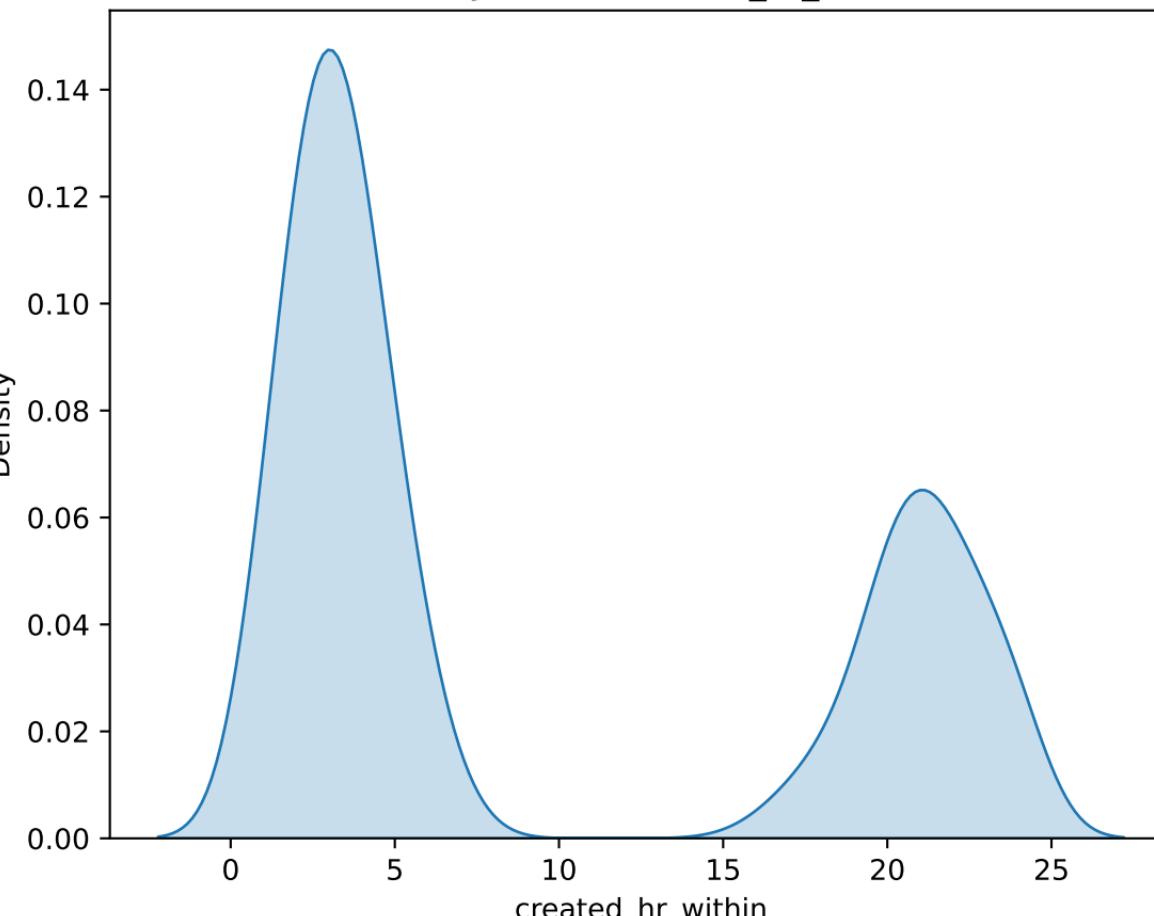
Histogram of created\_hr\_within



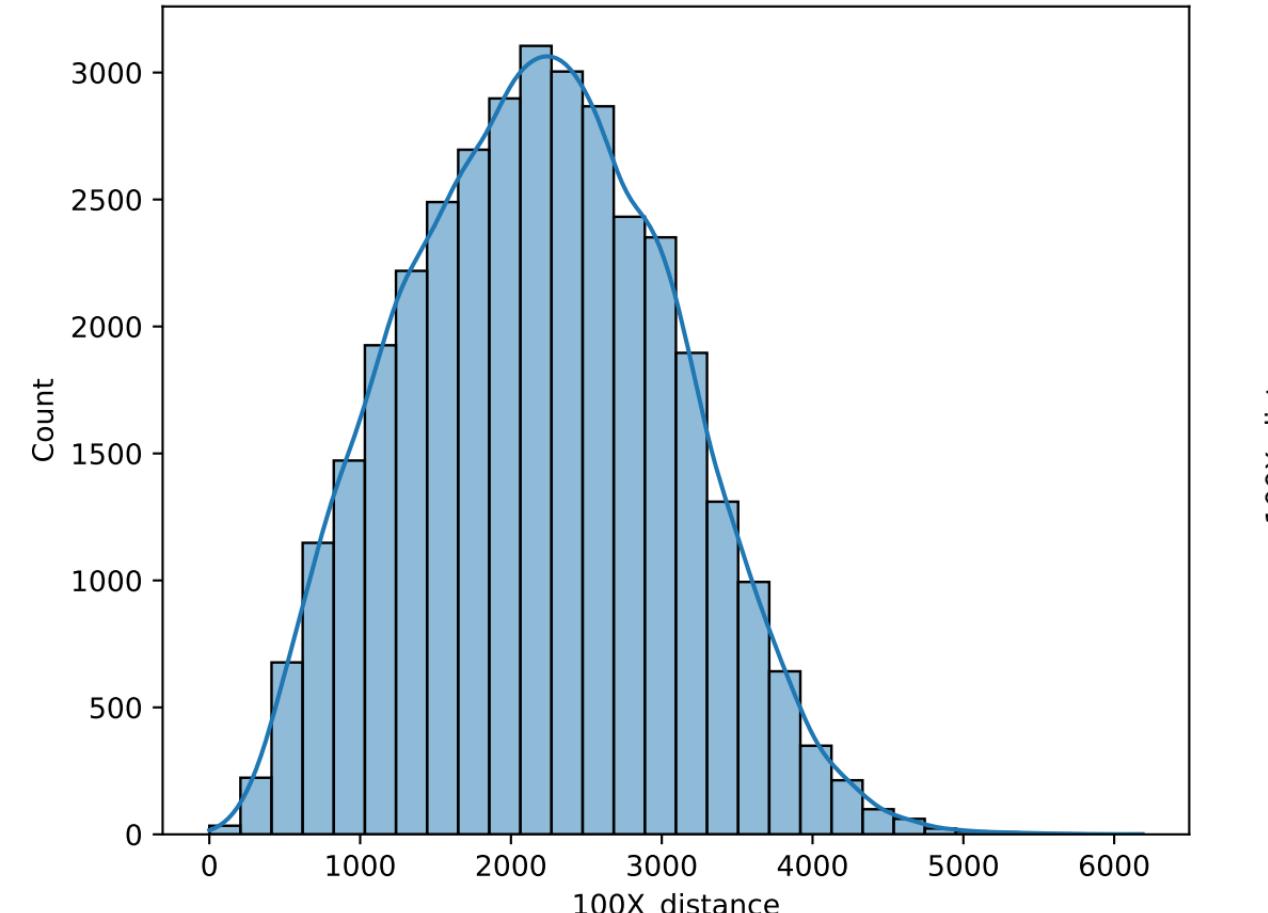
Boxplot of created\_hr\_within



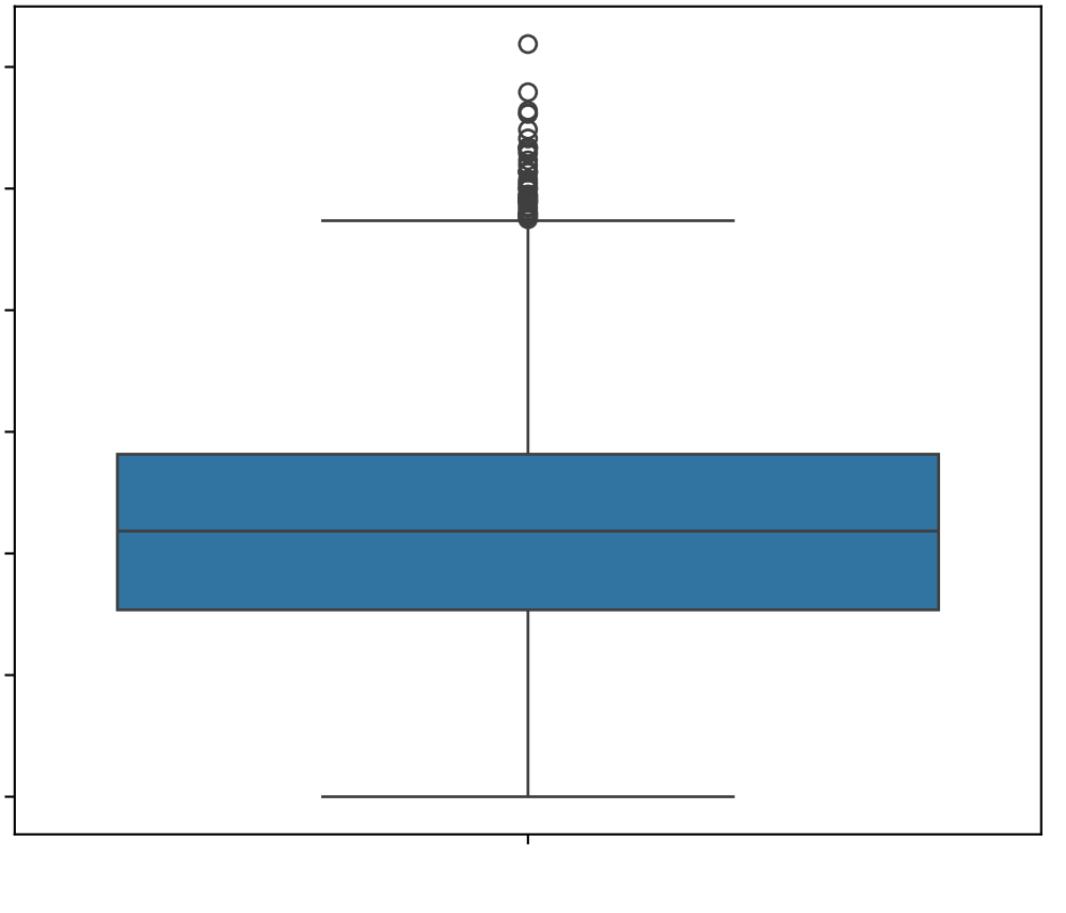
Density Plot of created\_hr\_within



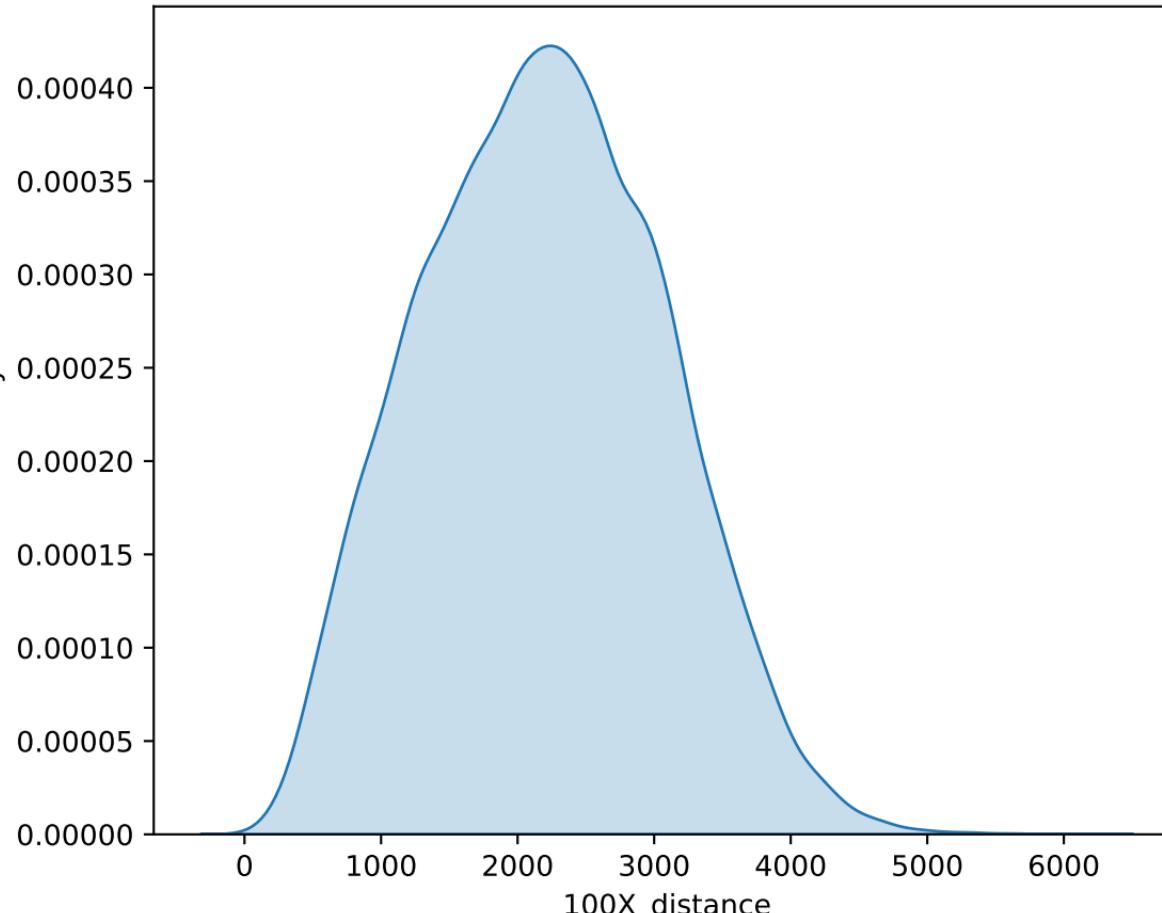
Histogram of 100X\_distance



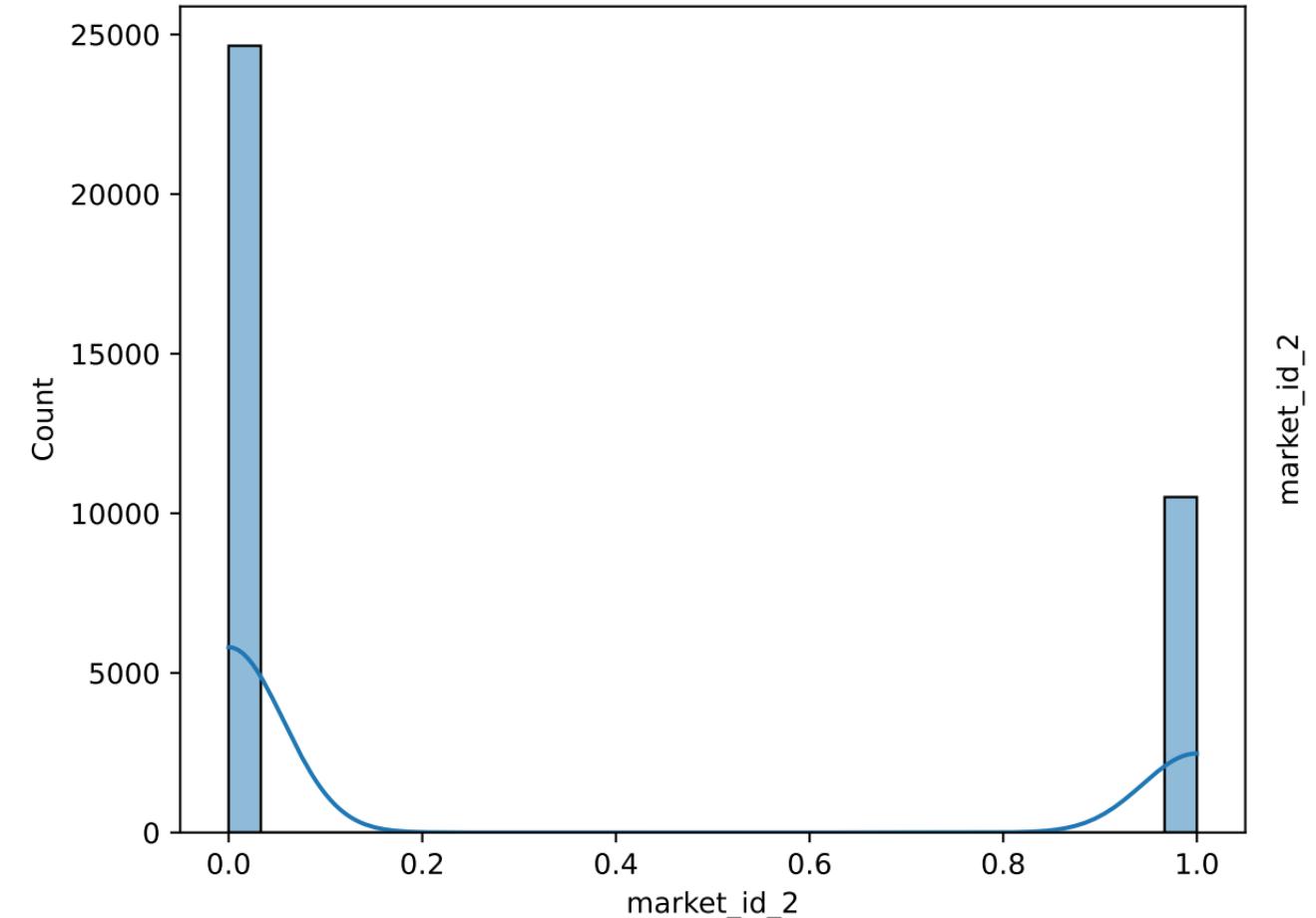
Boxplot of 100X\_distance



Density Plot of 100X\_distance



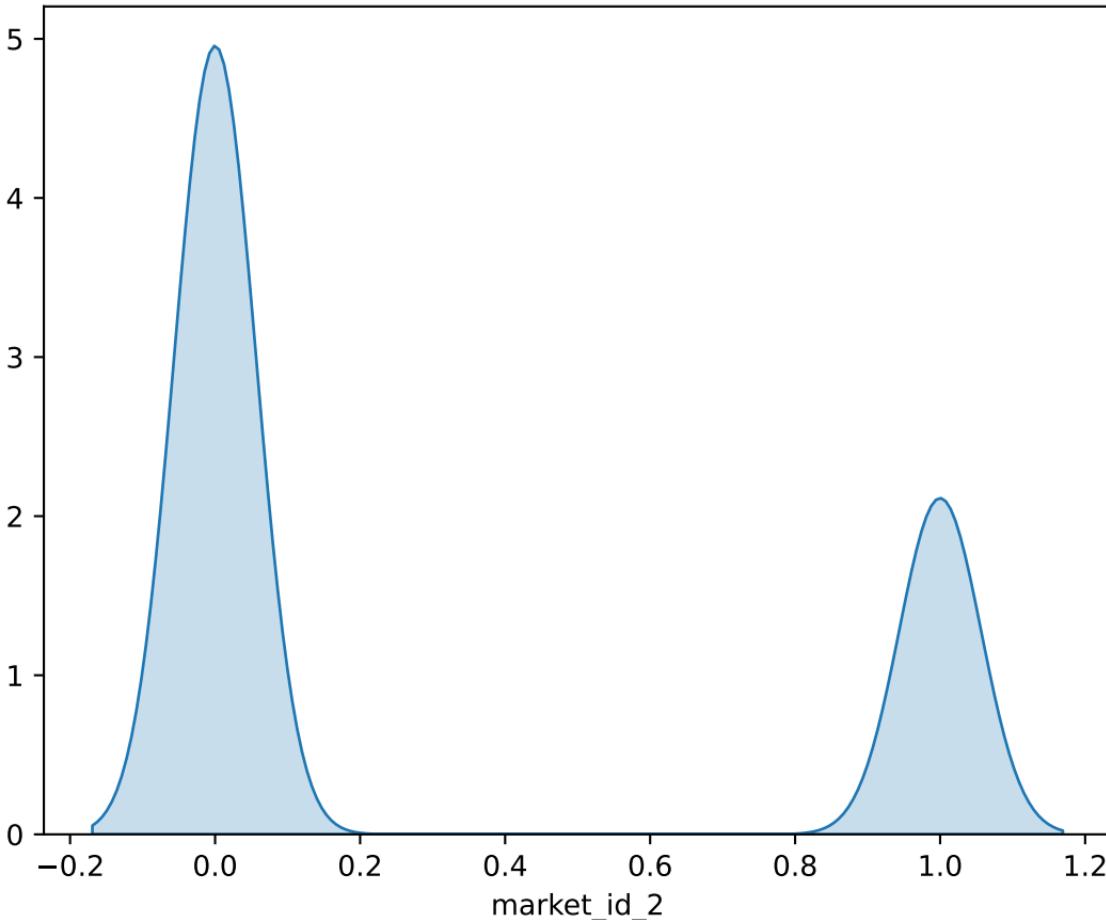
Histogram of market\_id\_2



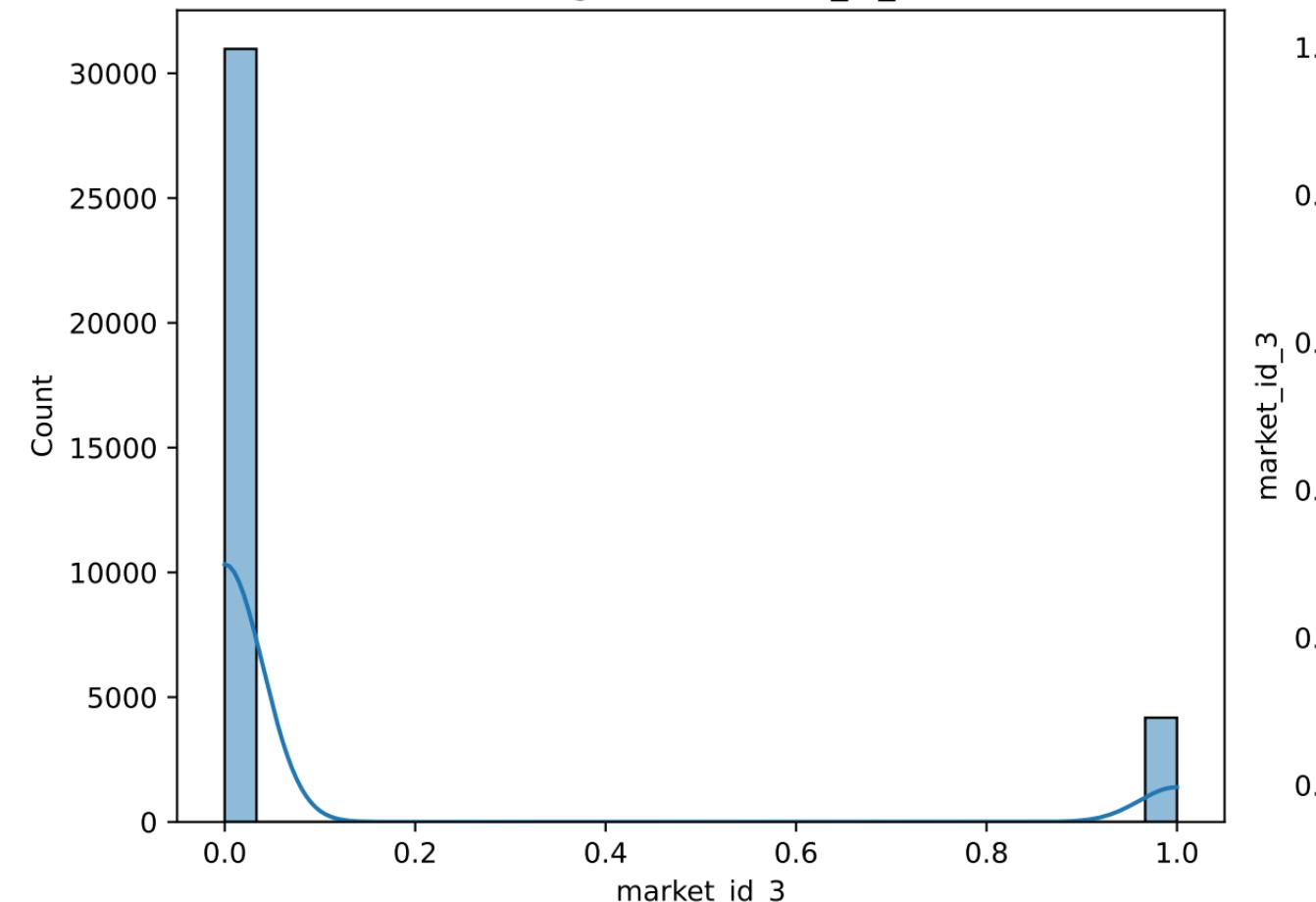
Boxplot of market\_id\_2



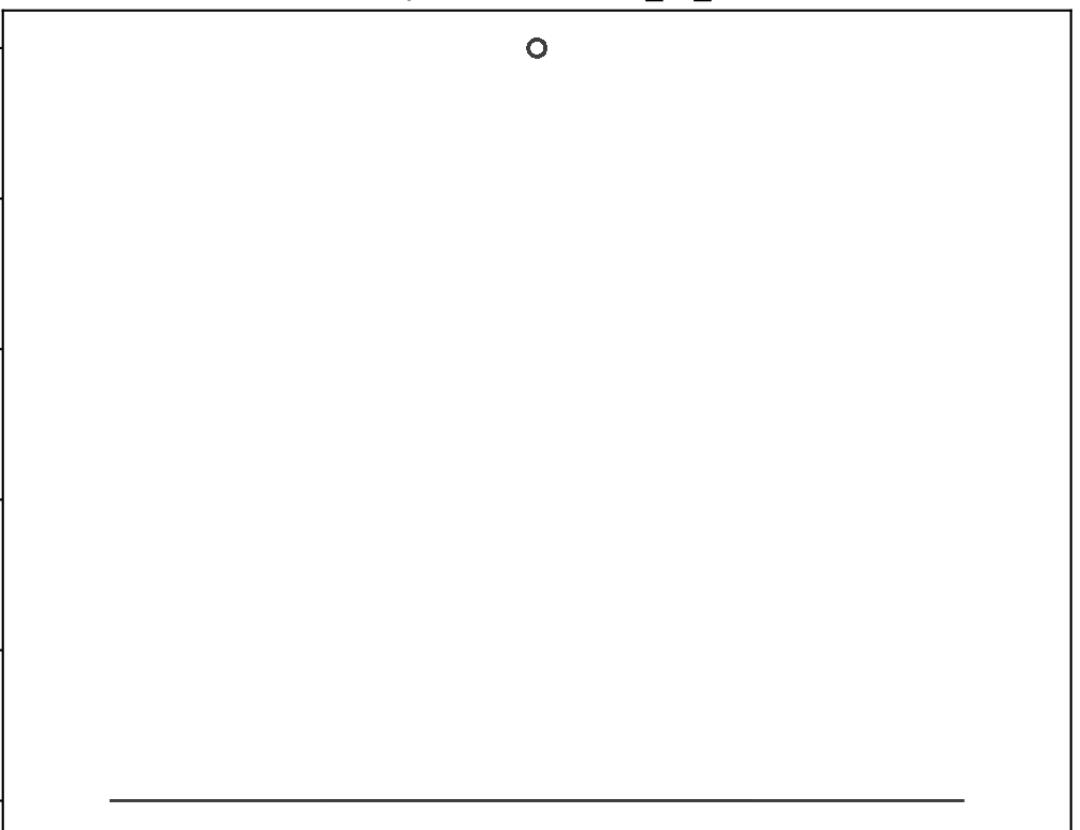
Density Plot of market\_id\_2



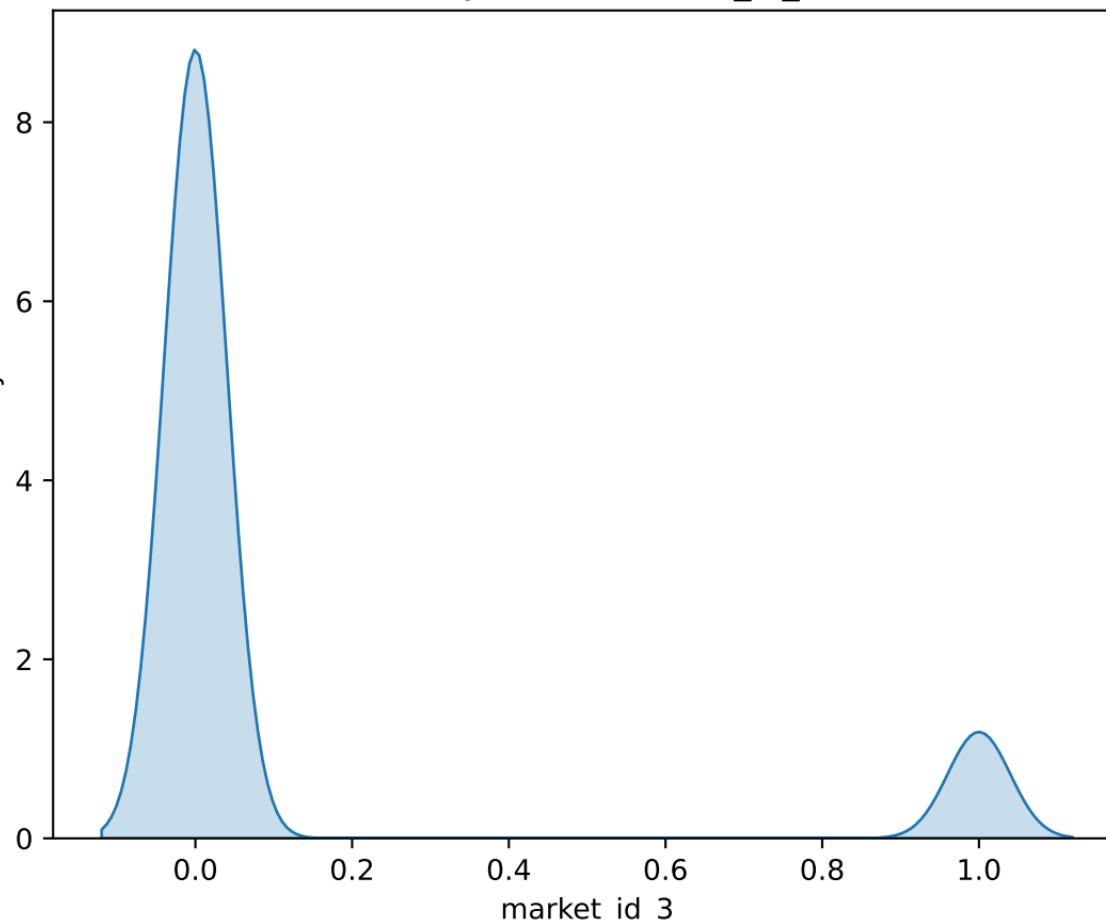
Histogram of market\_id\_3



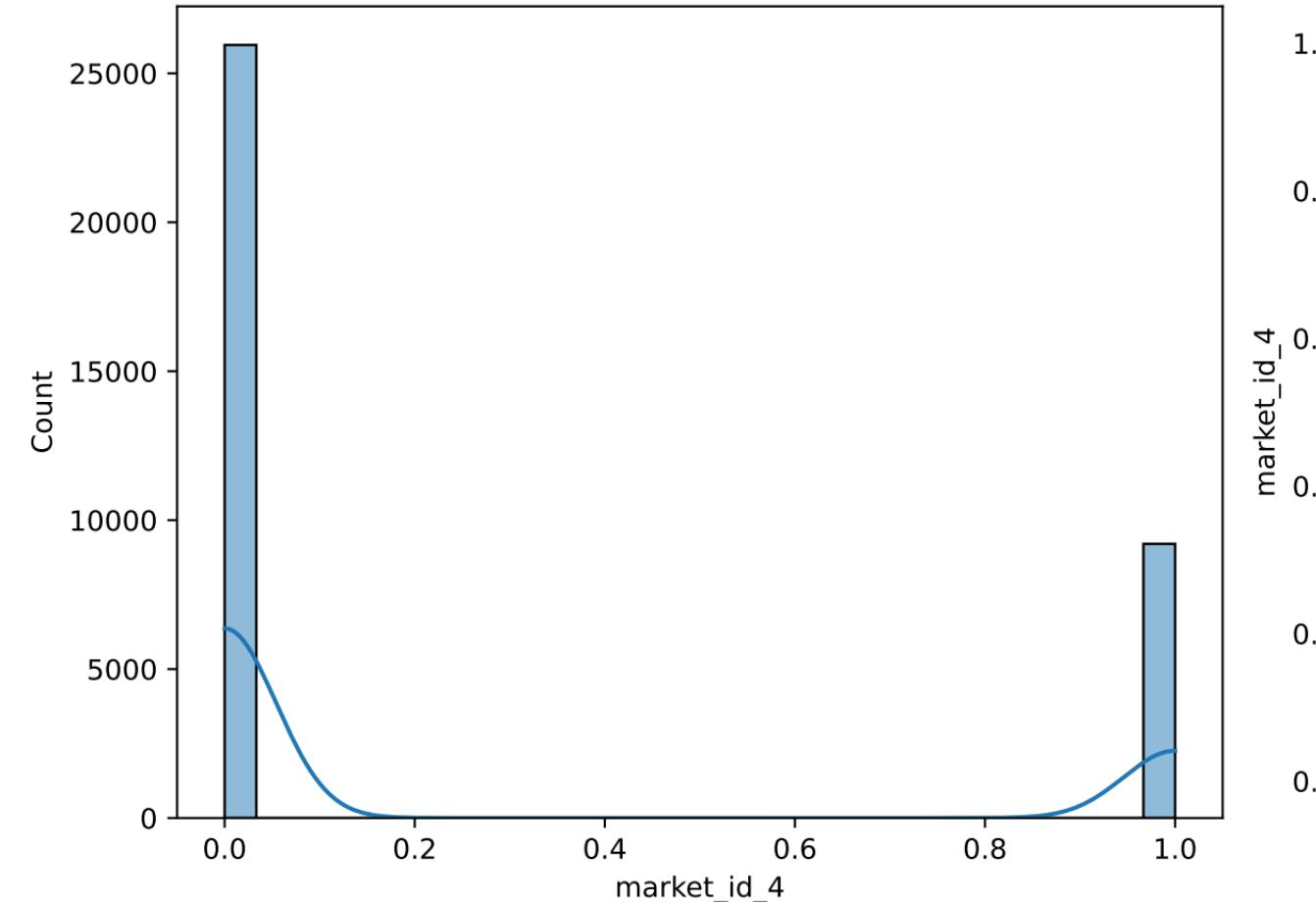
Boxplot of market\_id\_3



Density Plot of market\_id\_3



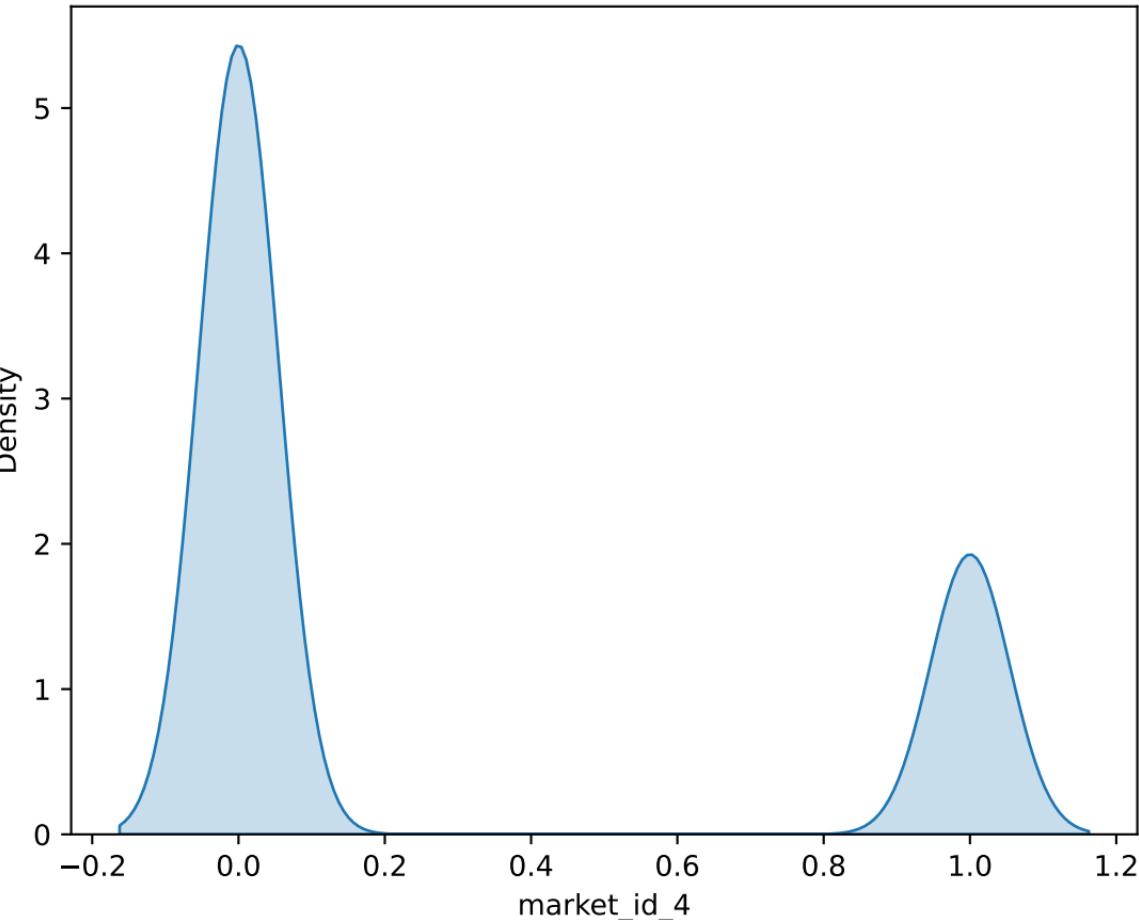
Histogram of market\_id\_4



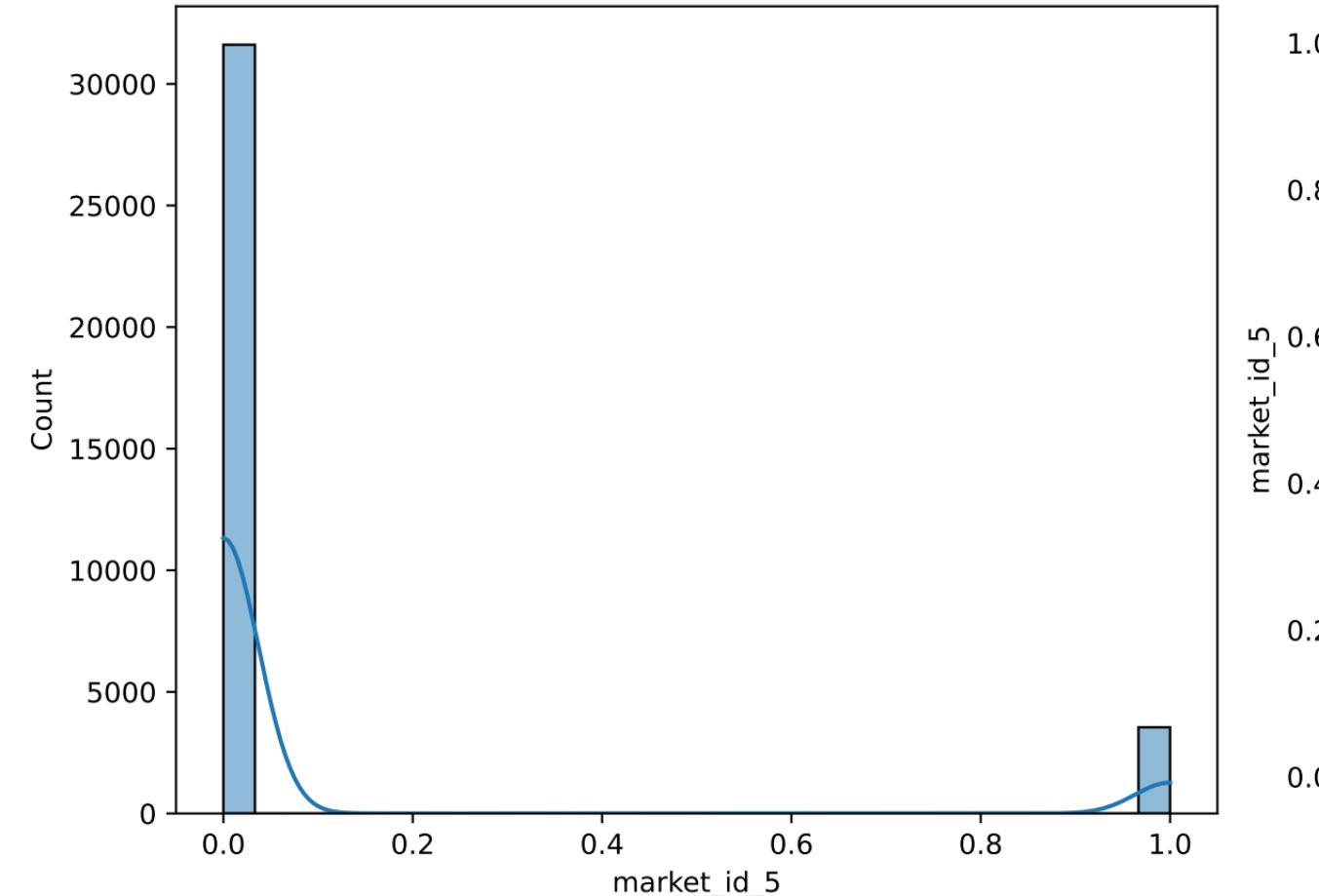
Boxplot of market\_id\_4



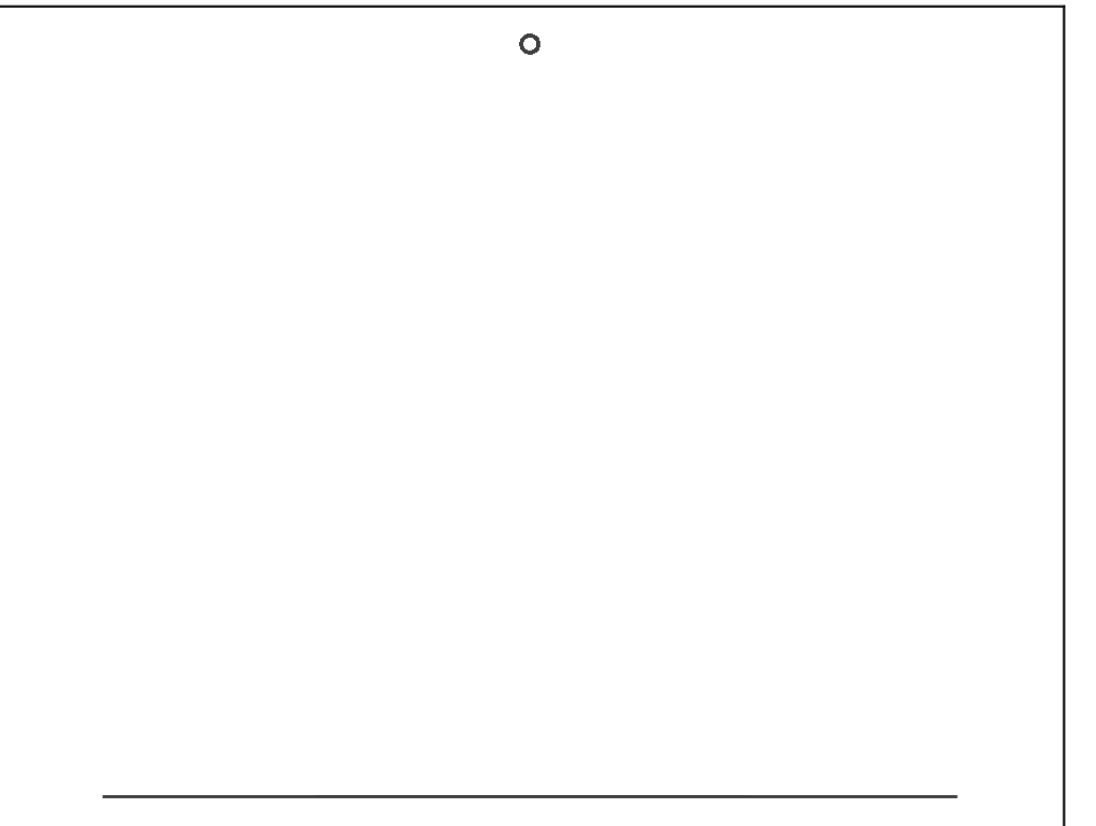
Density Plot of market\_id\_4



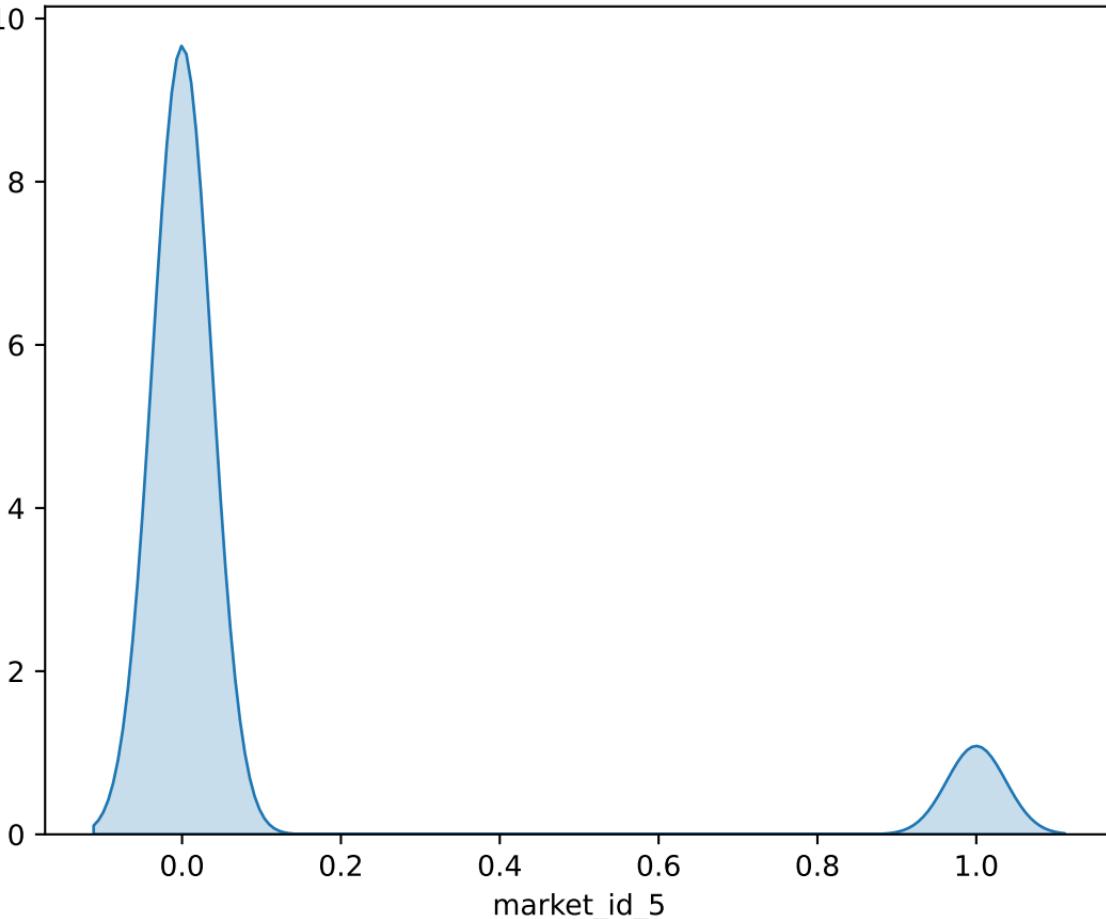
Histogram of market\_id\_5



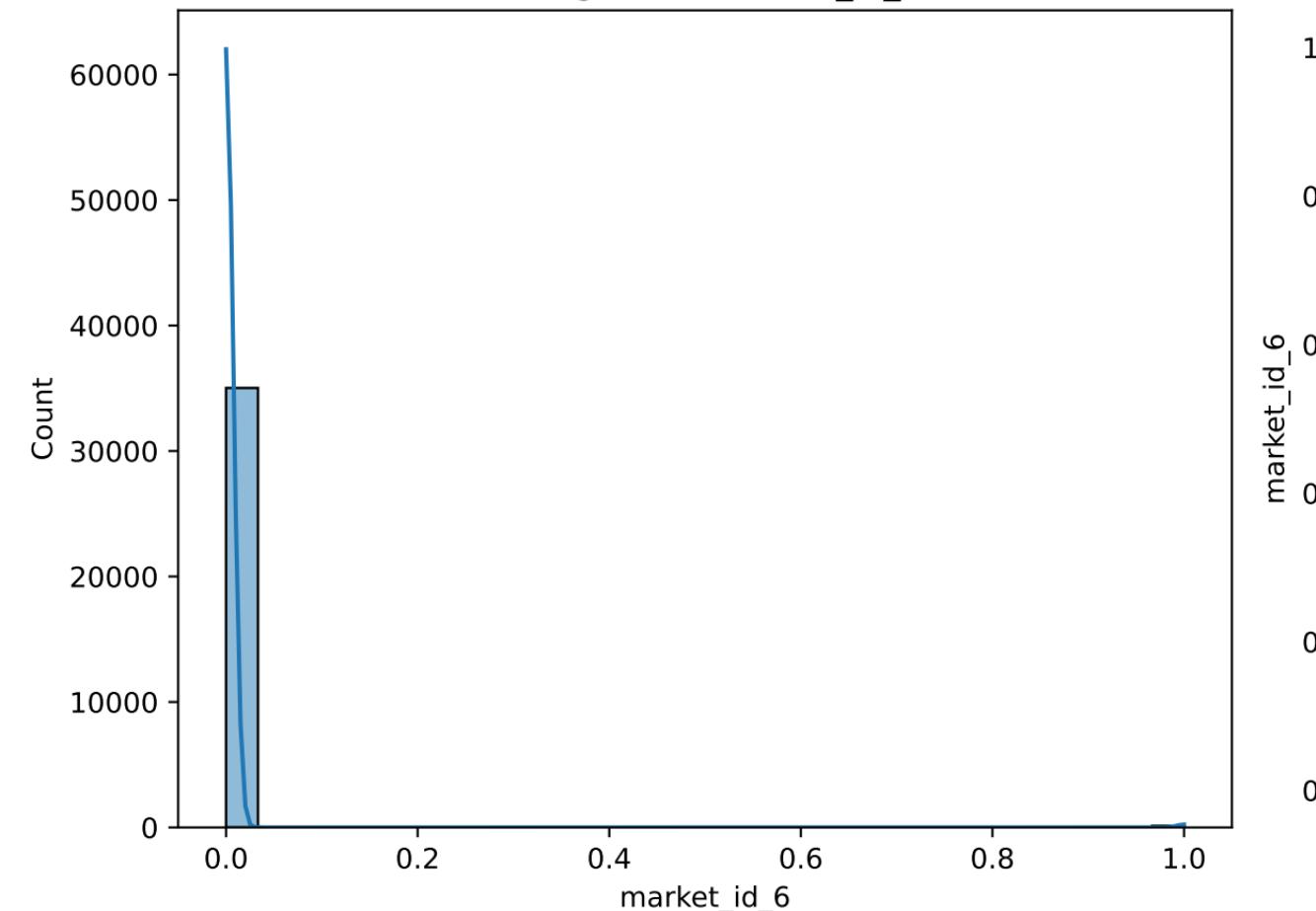
Boxplot of market\_id\_5



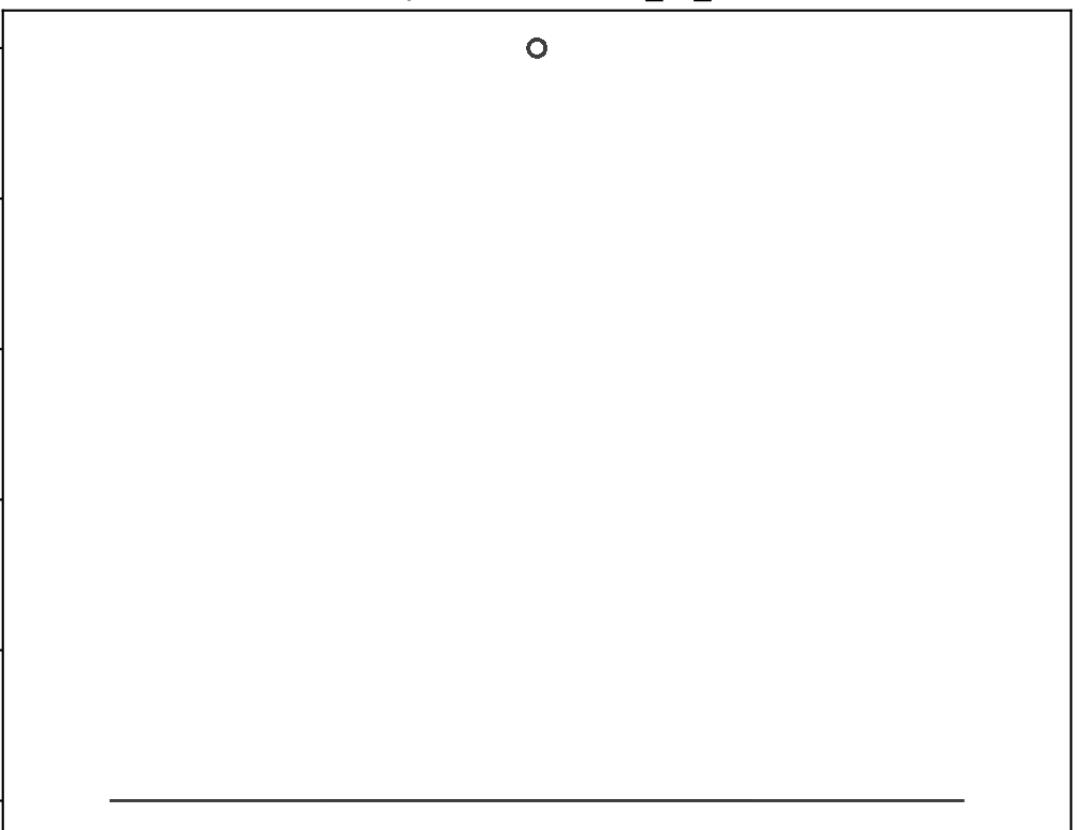
Density Plot of market\_id\_5



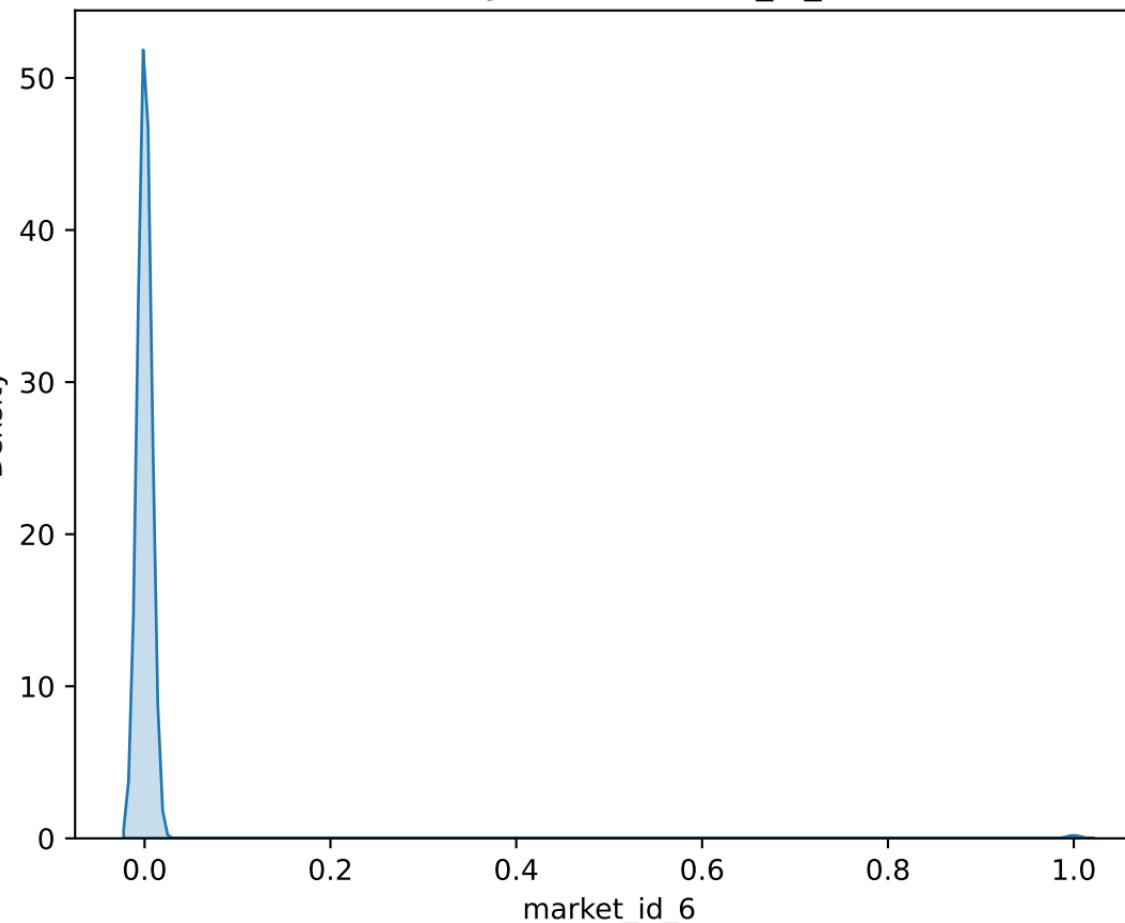
Histogram of market\_id\_6



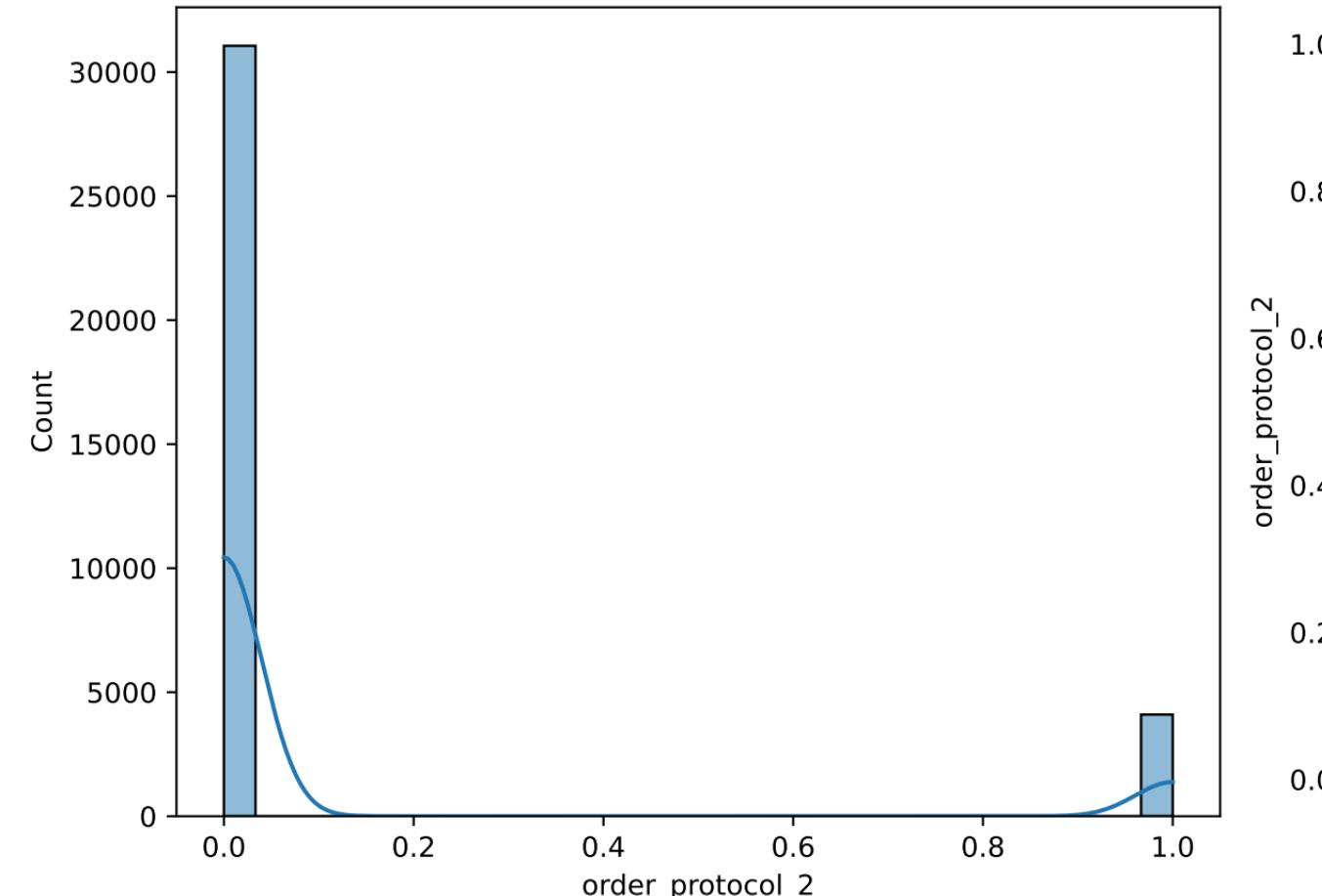
Boxplot of market\_id\_6



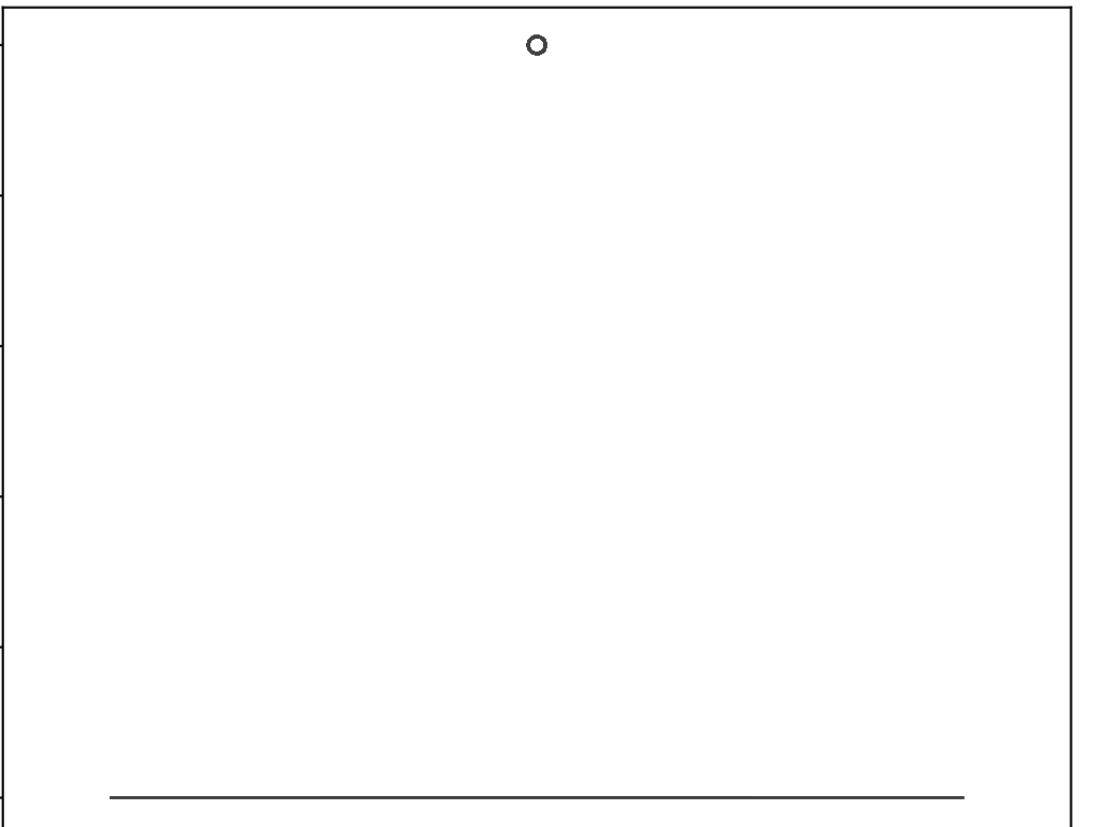
Density Plot of market\_id\_6



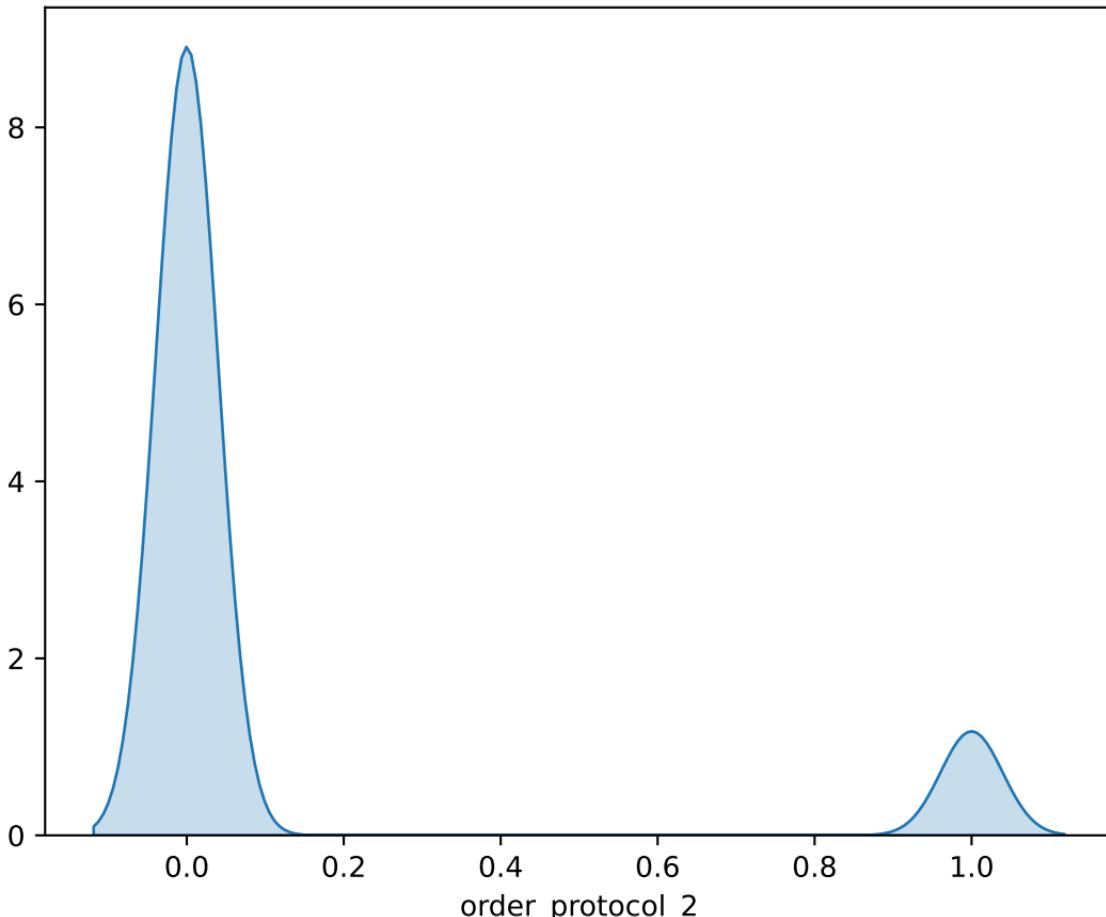
Histogram of order\_protocol\_2



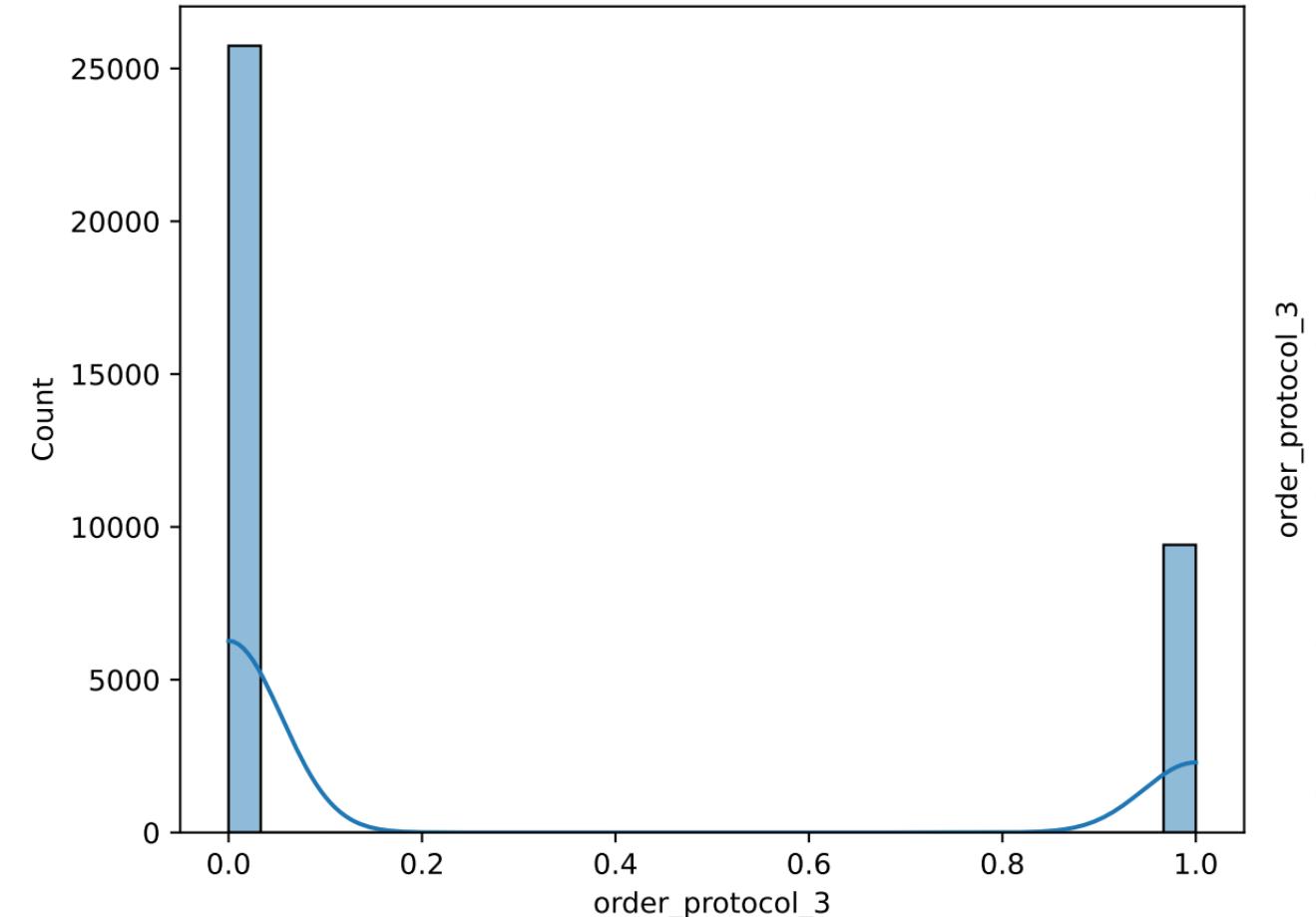
Boxplot of order\_protocol\_2



Density Plot of order\_protocol\_2



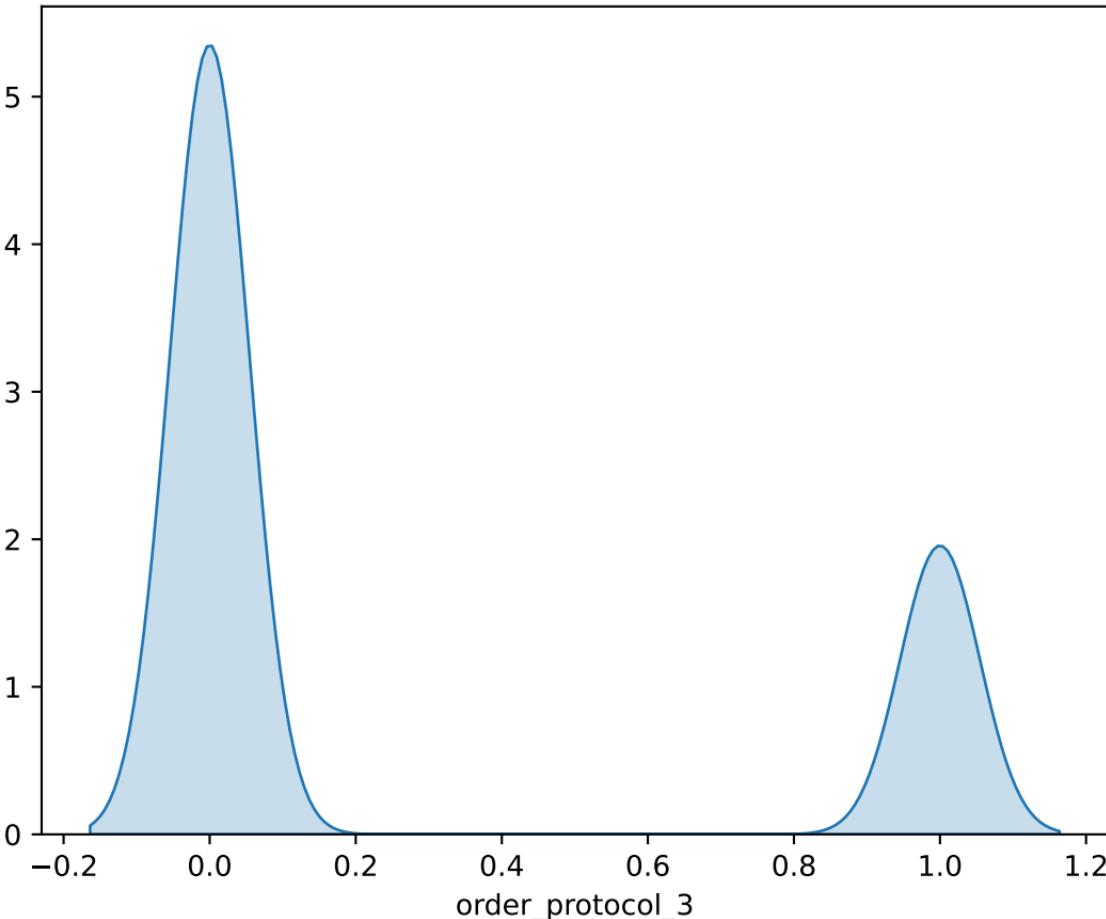
Histogram of order\_protocol\_3



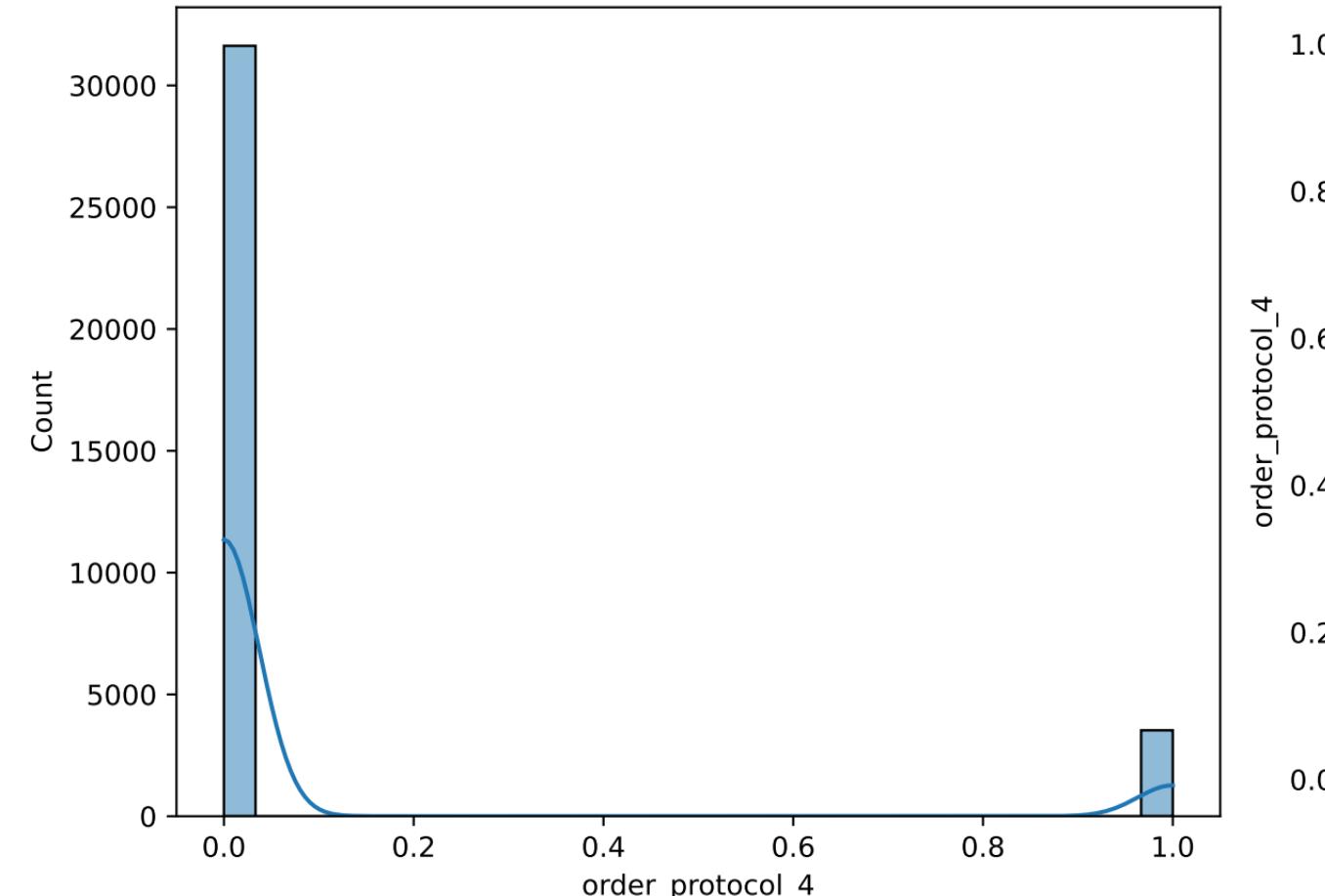
Boxplot of order\_protocol\_3



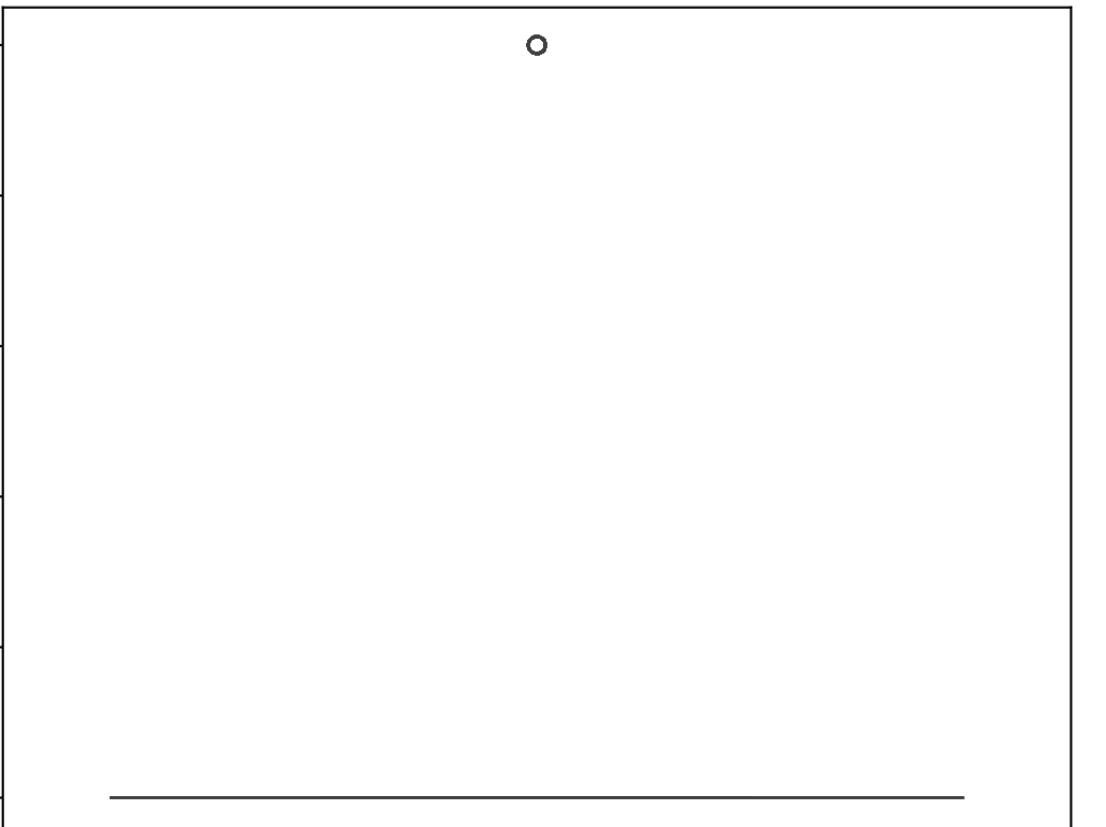
Density Plot of order\_protocol\_3



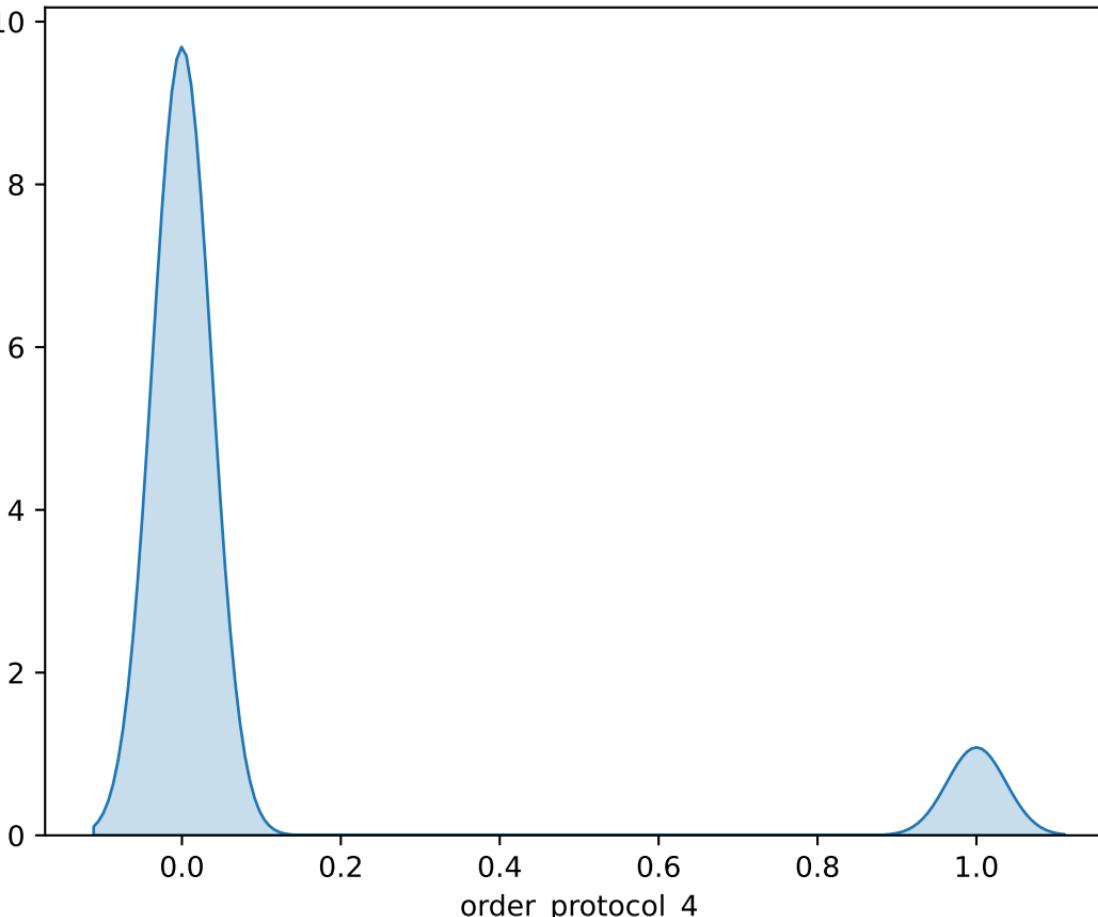
Histogram of *order\_protocol\_4*



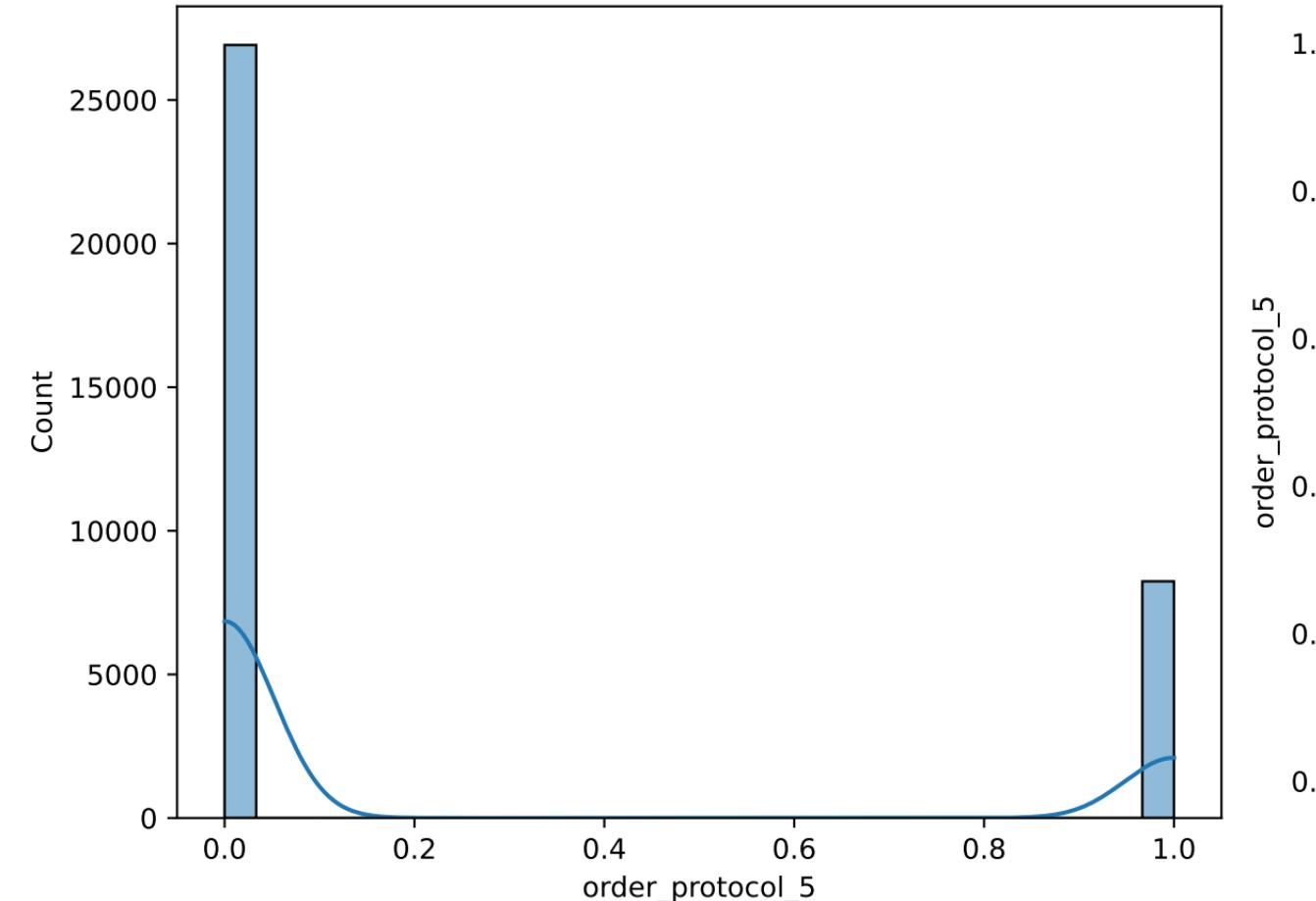
Boxplot of *order\_protocol\_4*



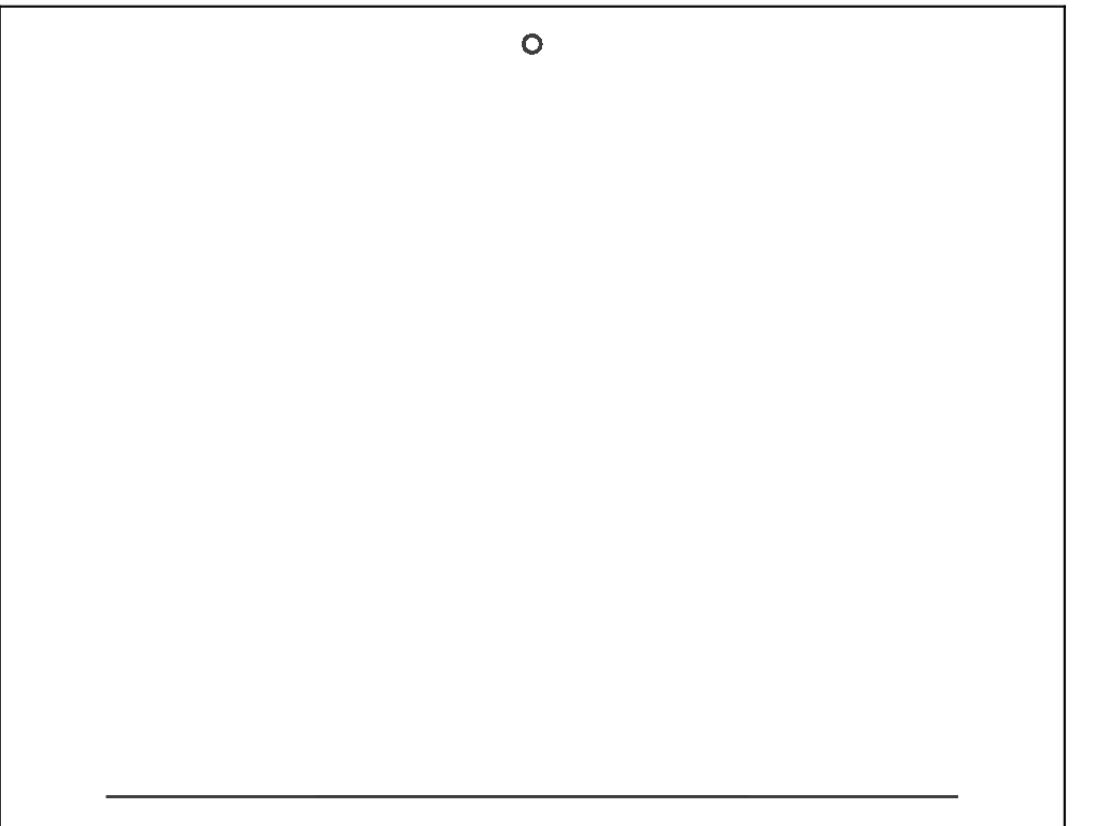
Density Plot of *order\_protocol\_4*



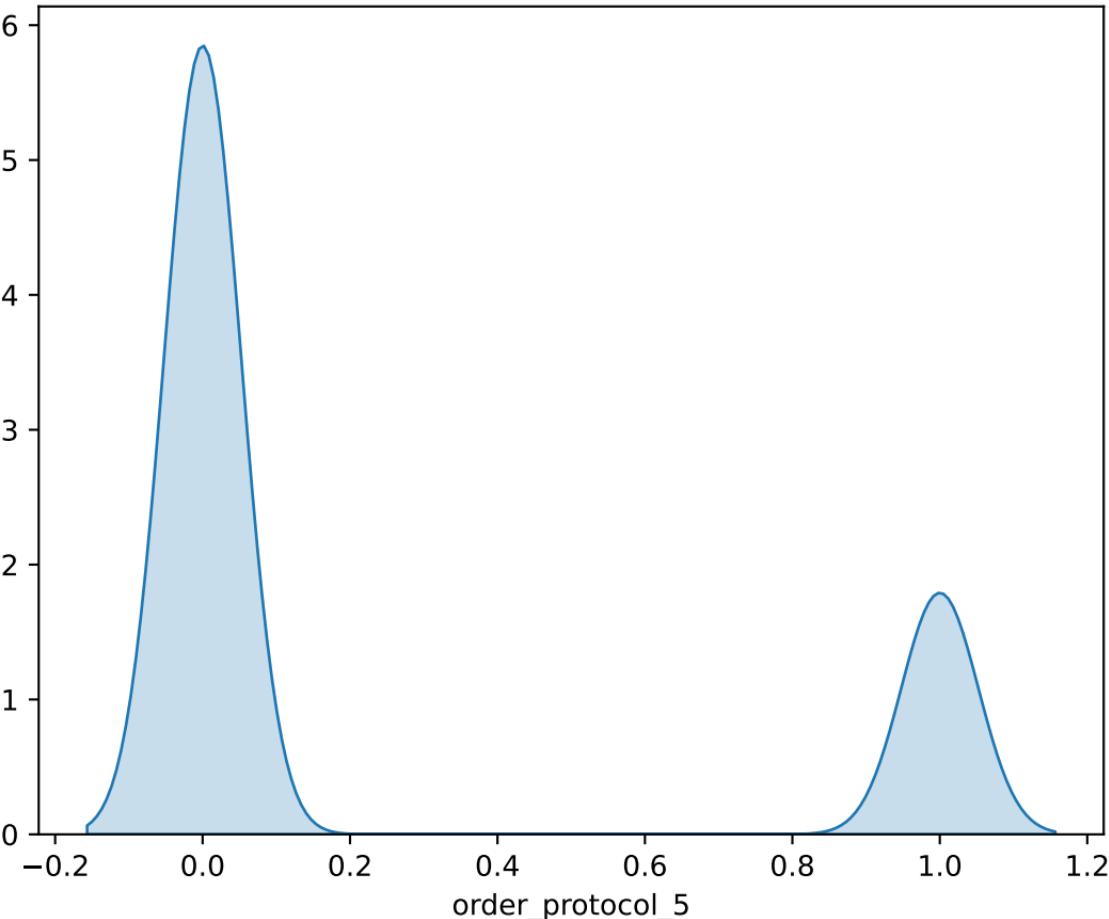
Histogram of order\_protocol\_5



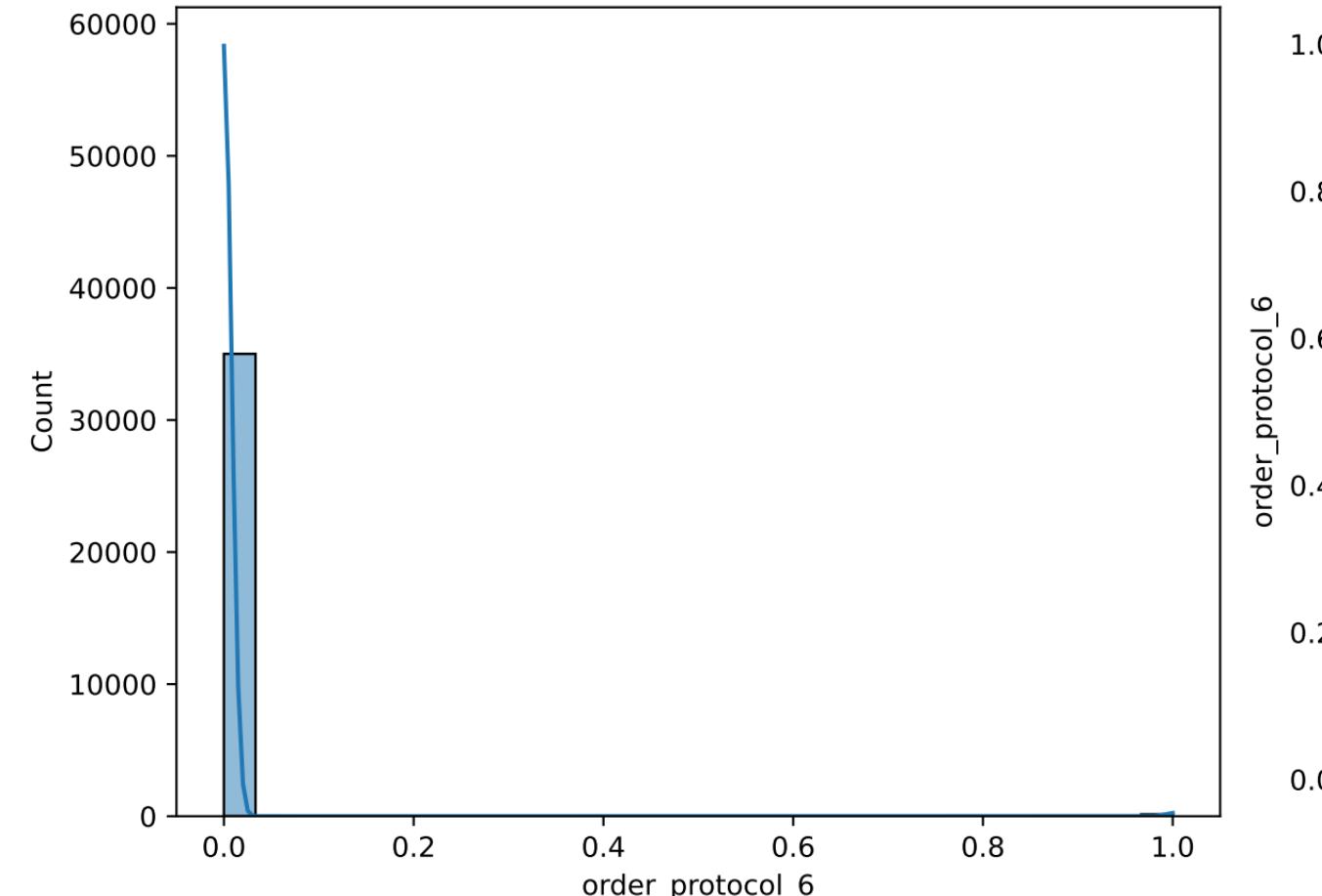
Boxplot of order\_protocol\_5



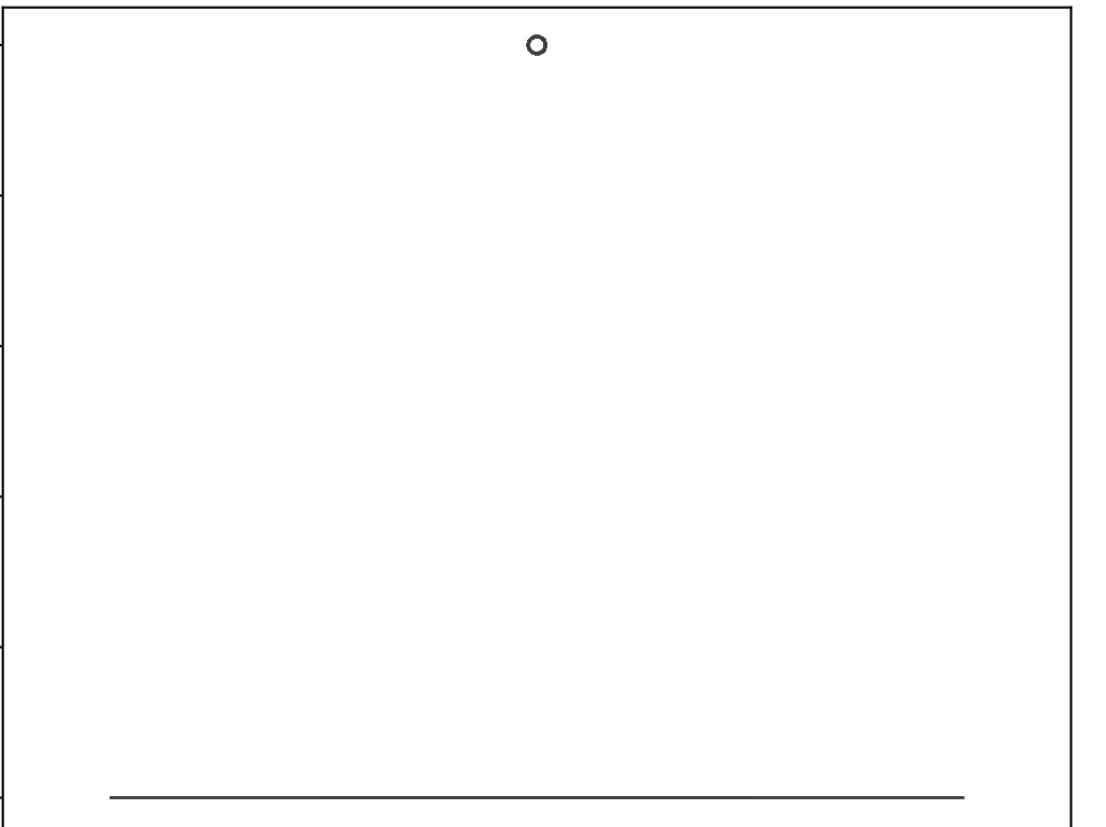
Density Plot of order\_protocol\_5



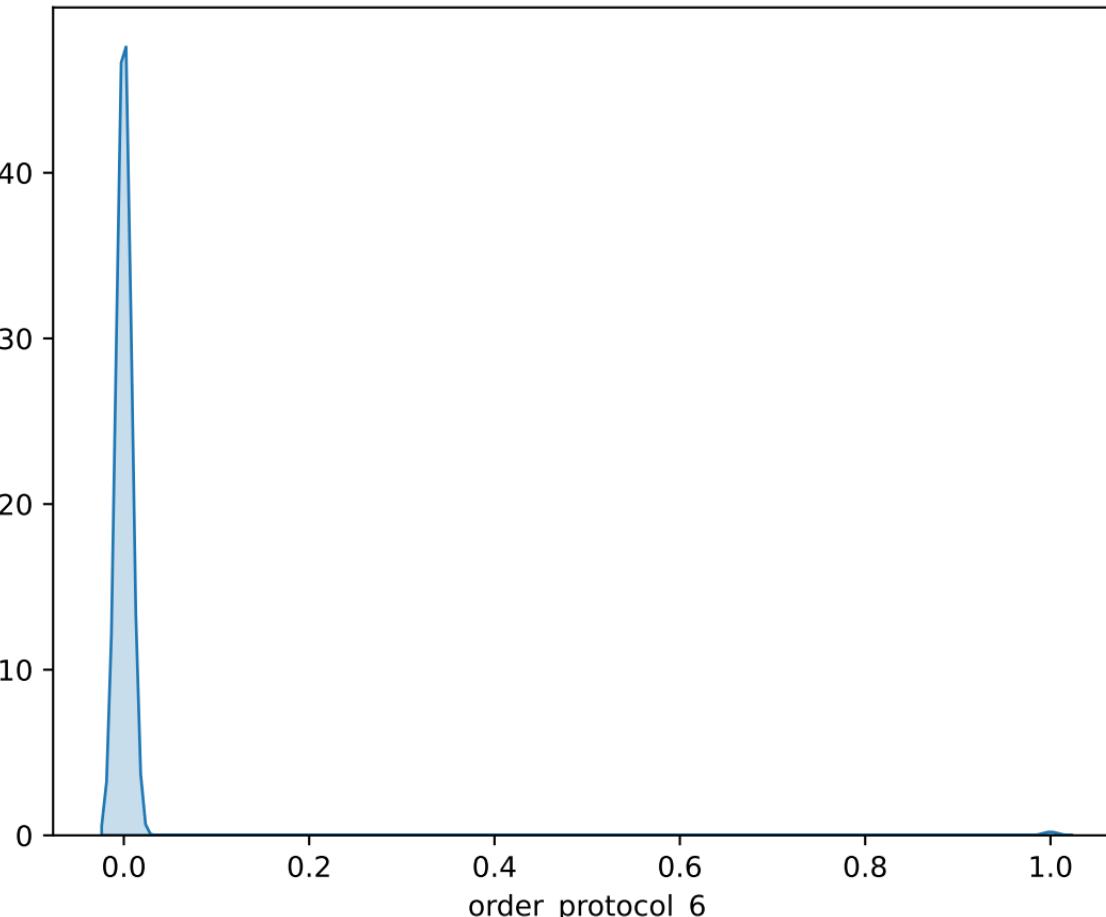
Histogram of order\_protocol\_6



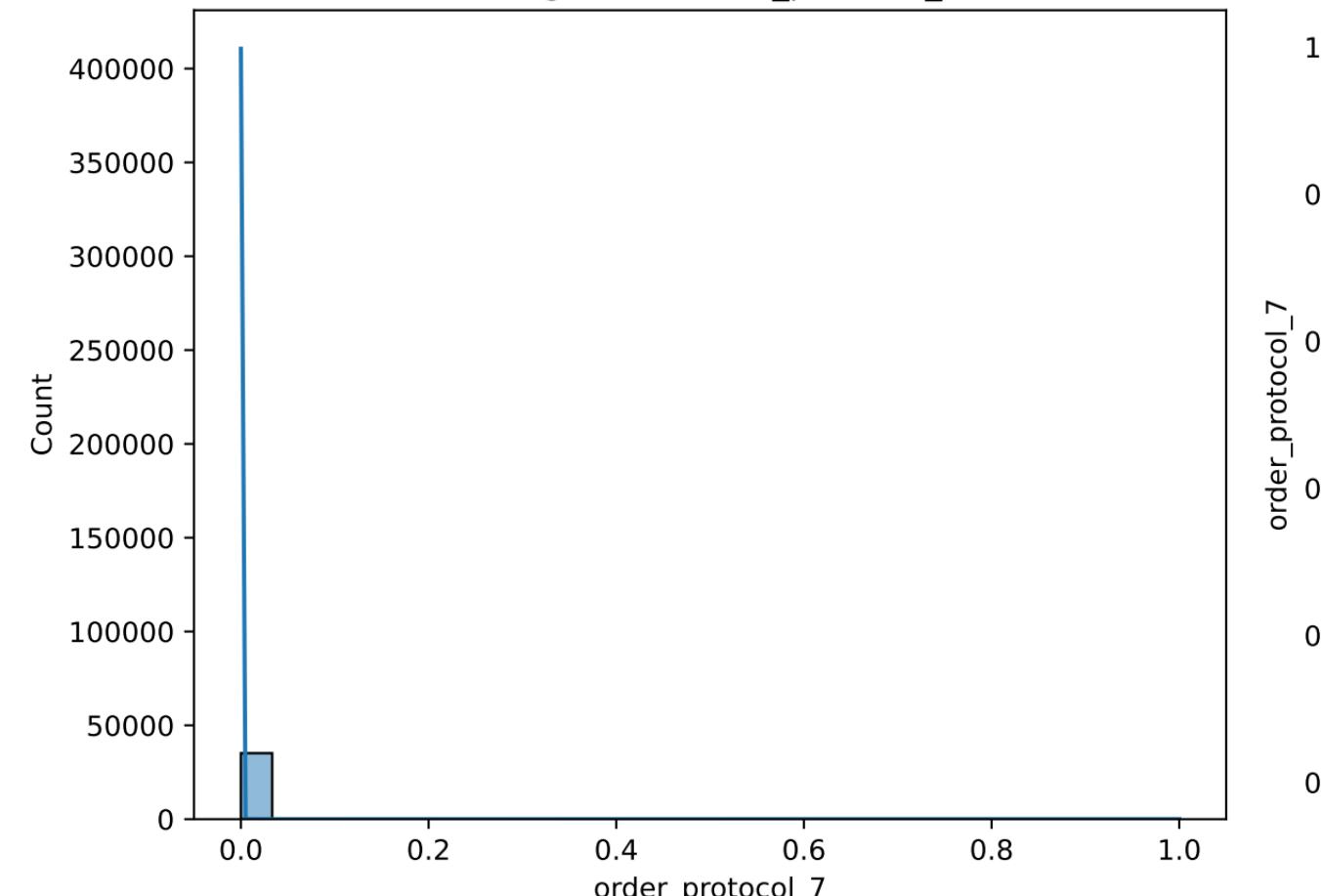
Boxplot of order\_protocol\_6



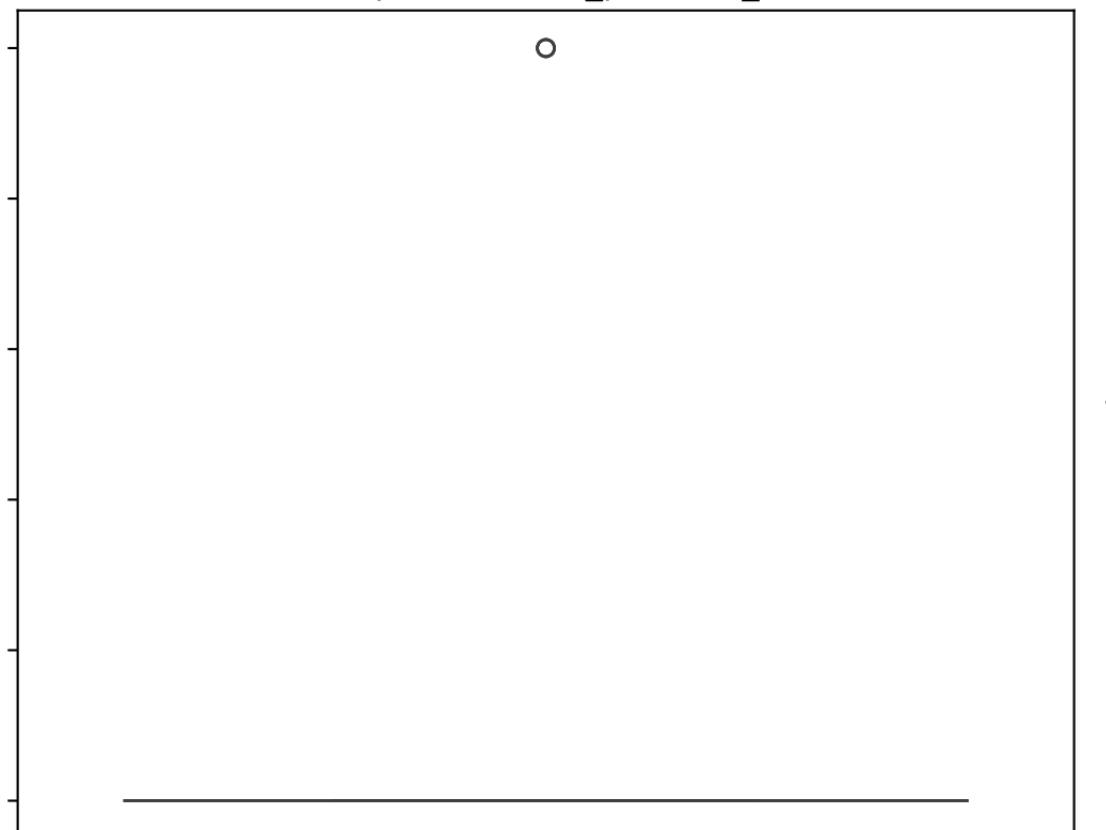
Density Plot of order\_protocol\_6



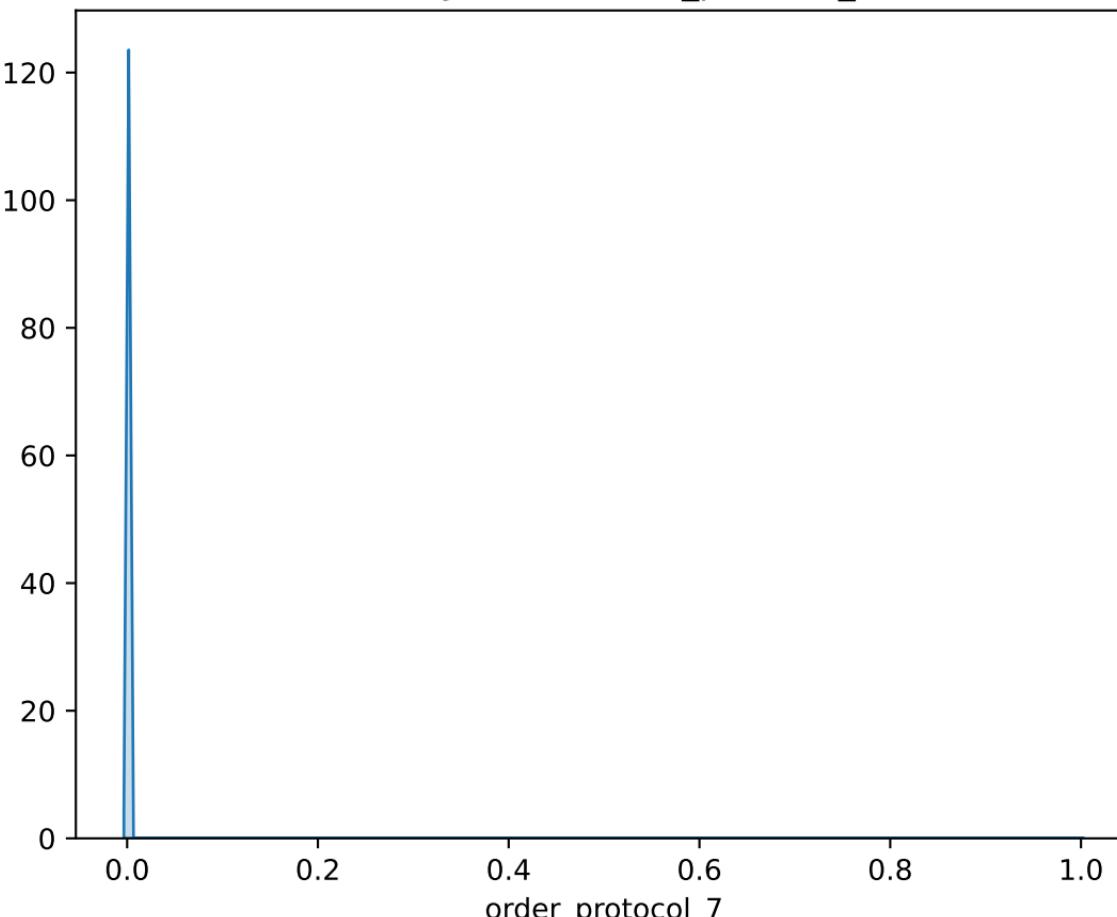
Histogram of order\_protocol\_7



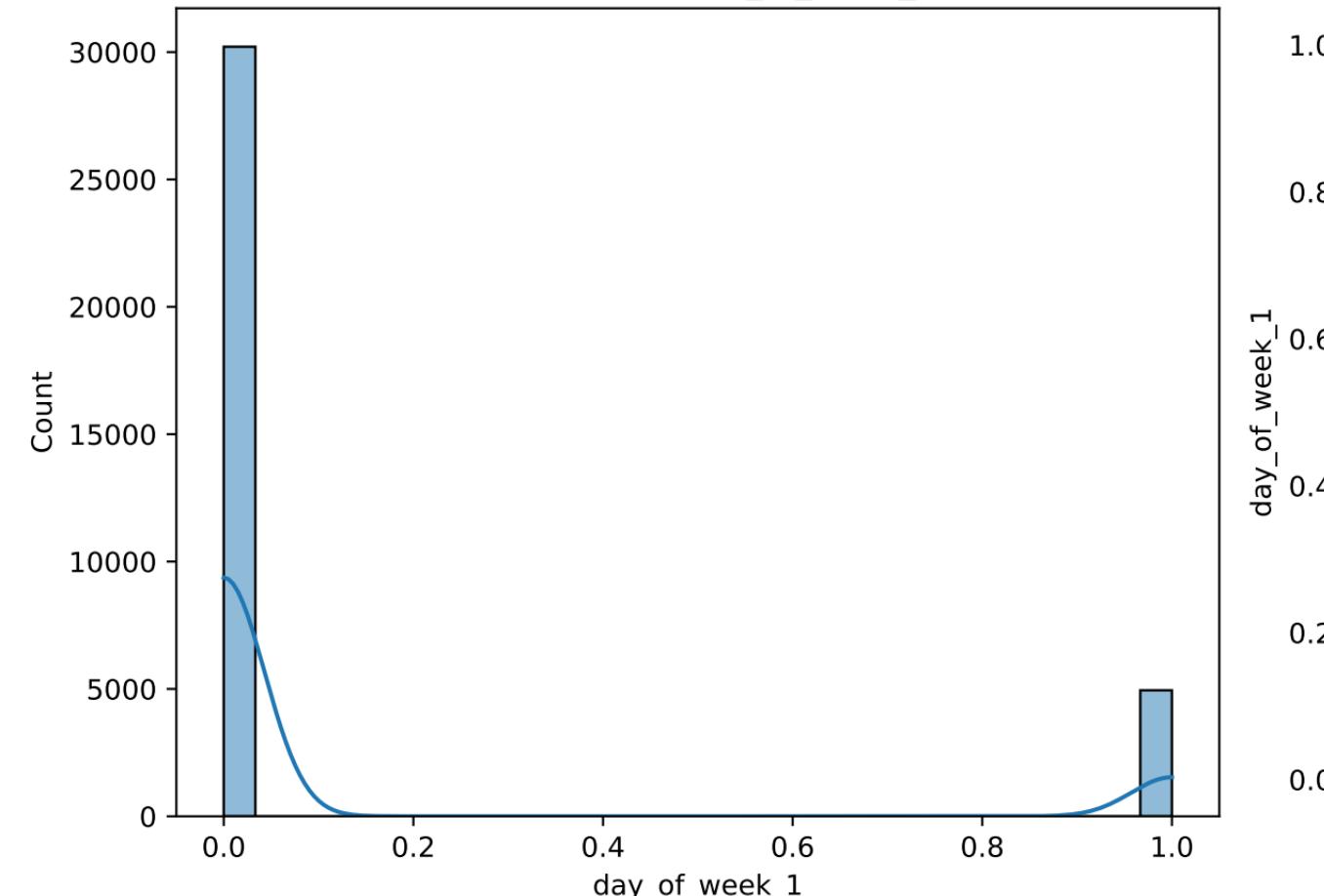
Boxplot of order\_protocol\_7



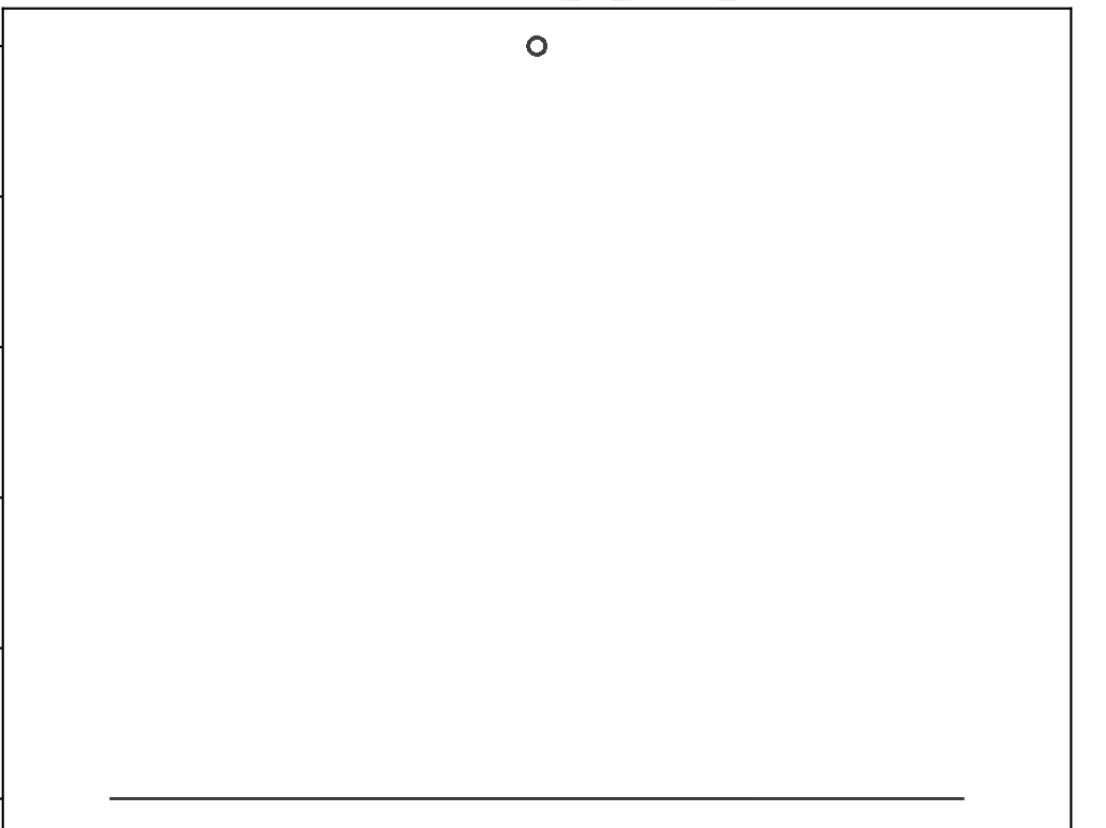
Density Plot of order\_protocol\_7



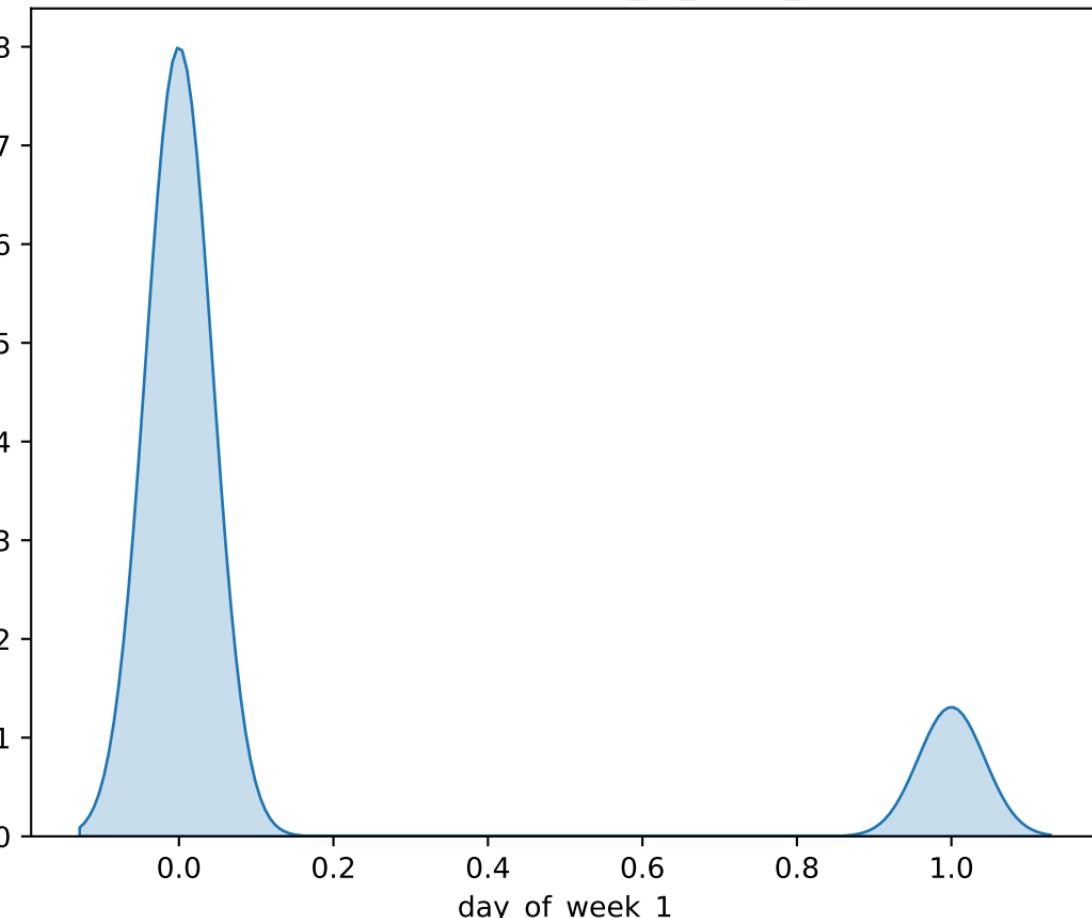
Histogram of day\_of\_week\_1



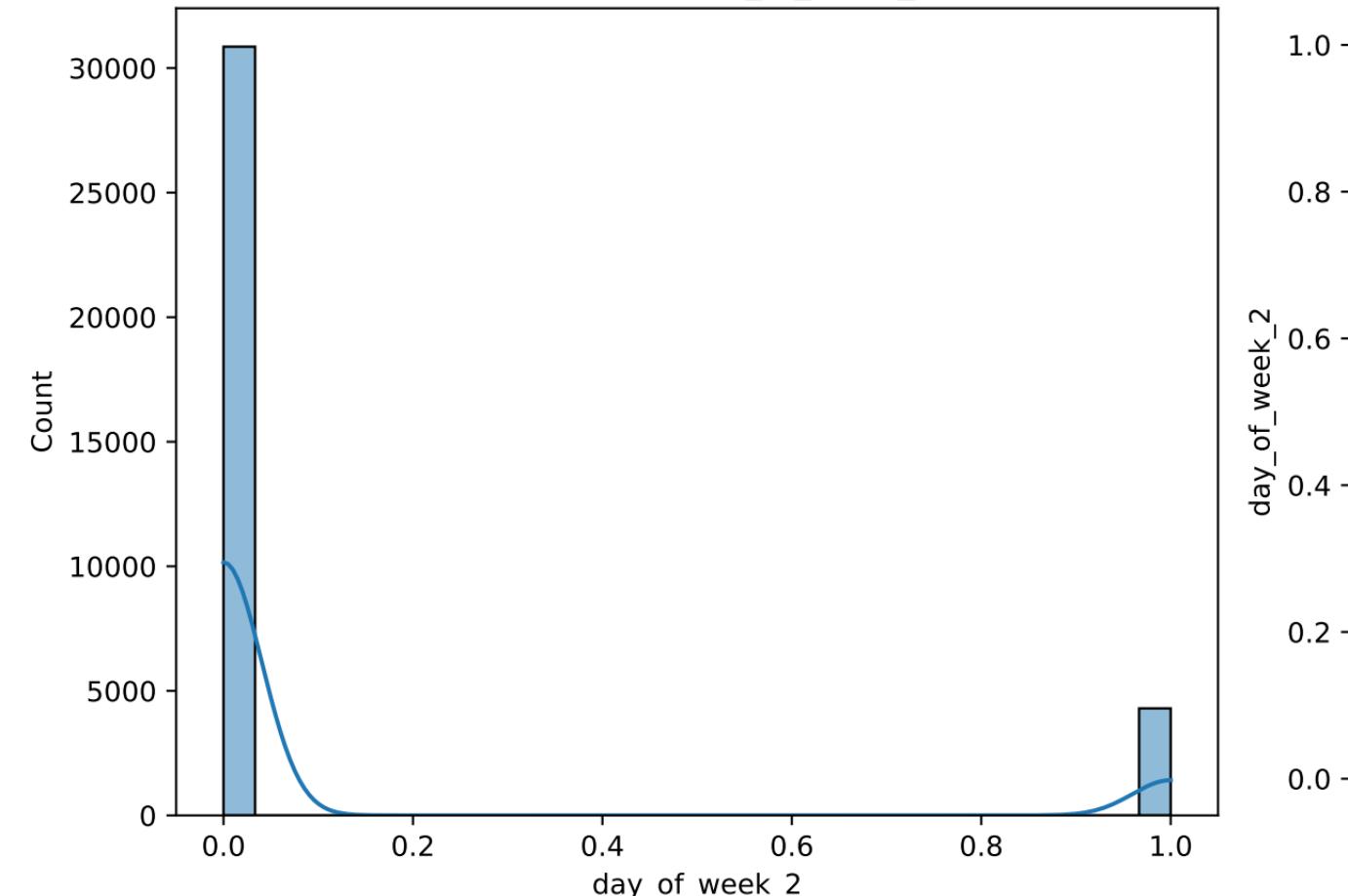
Boxplot of day\_of\_week\_1



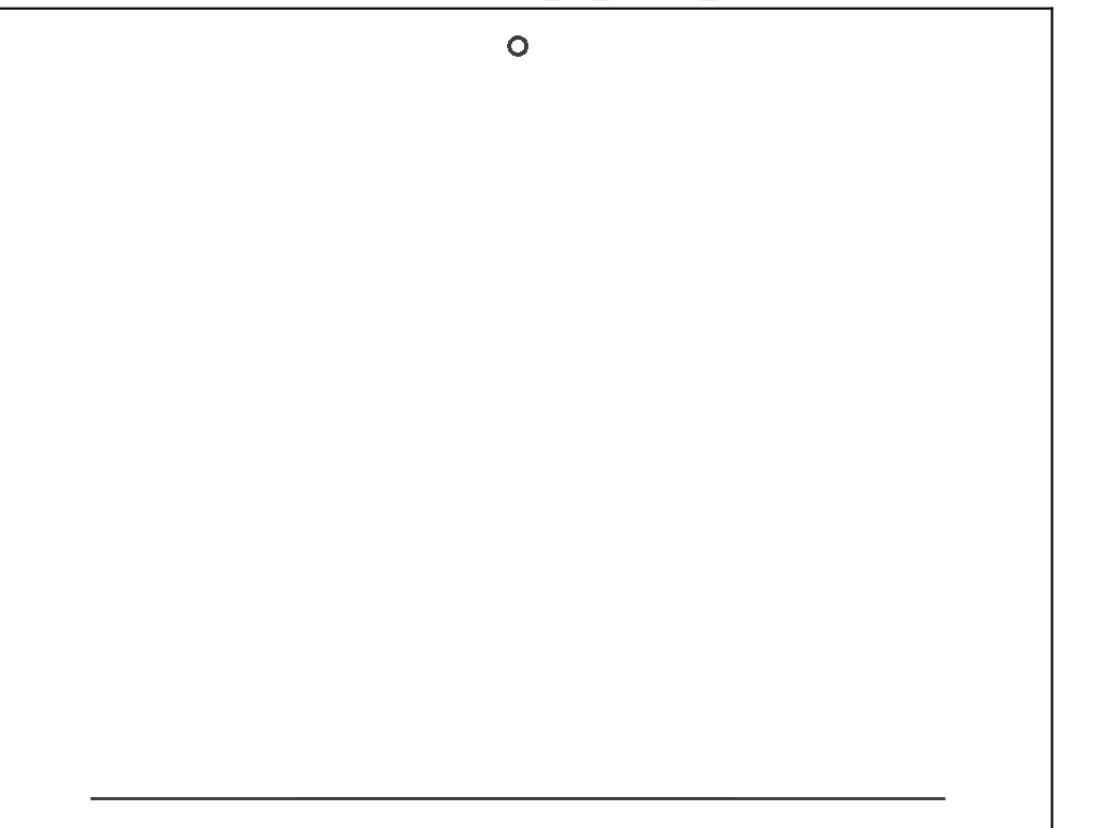
Density Plot of day\_of\_week\_1



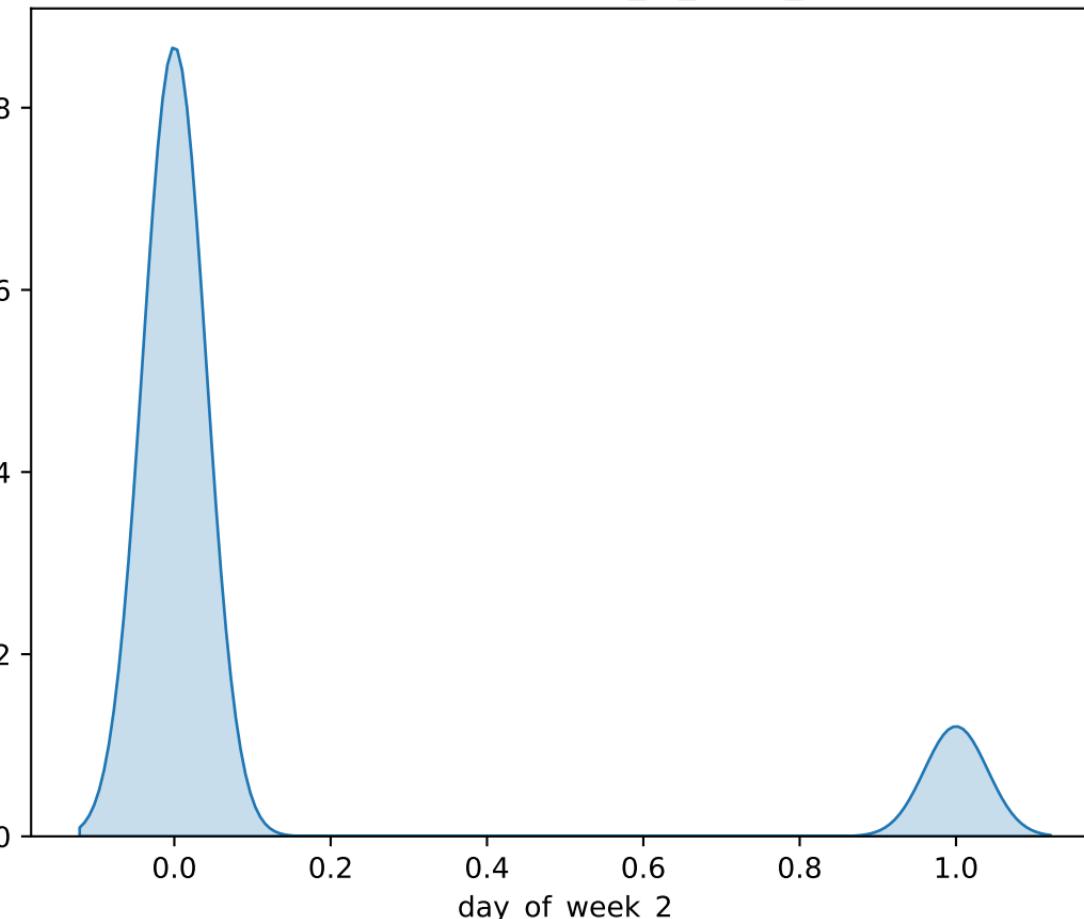
Histogram of day\_of\_week\_2



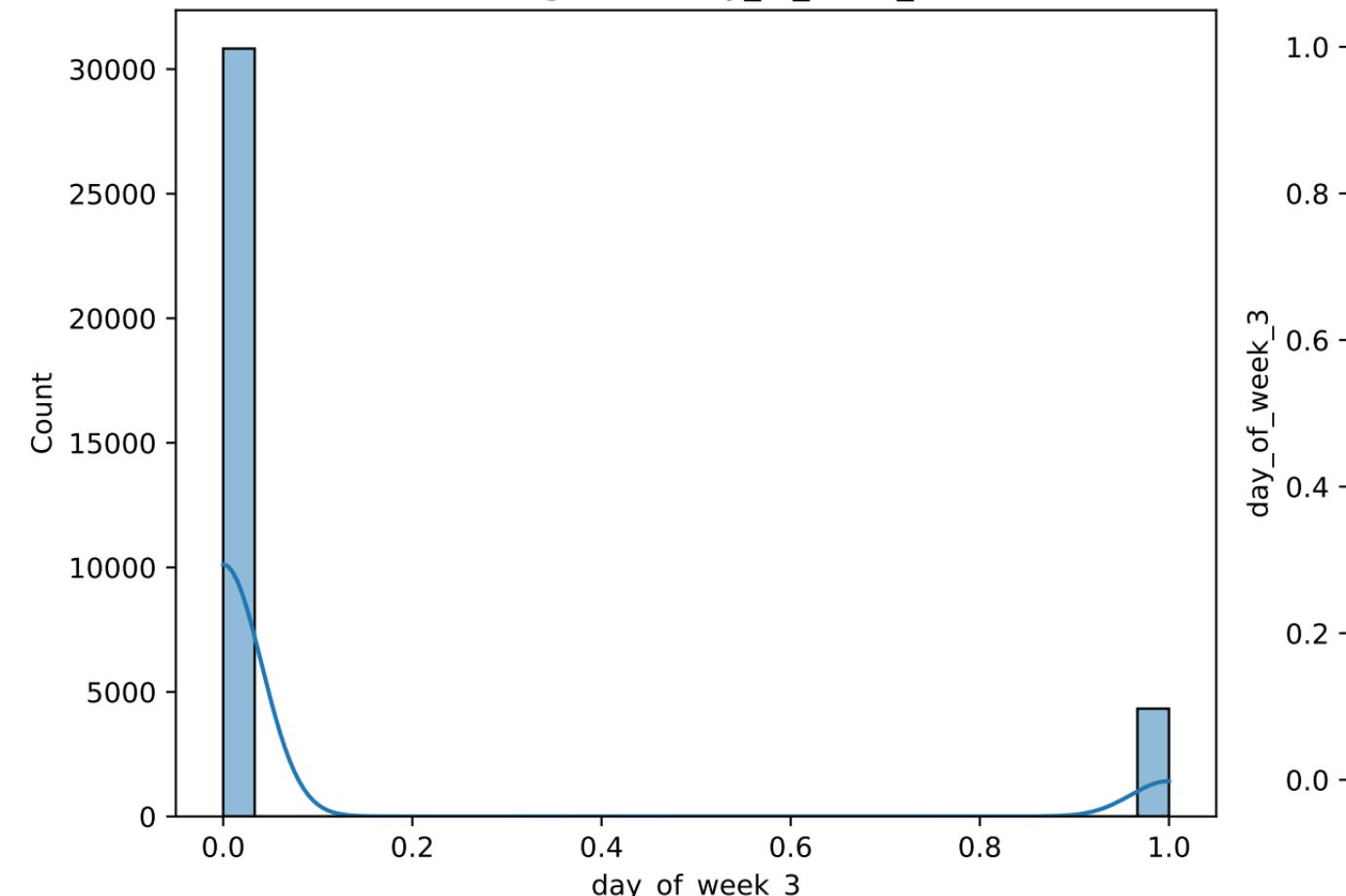
Boxplot of day\_of\_week\_2



Density Plot of day\_of\_week\_2



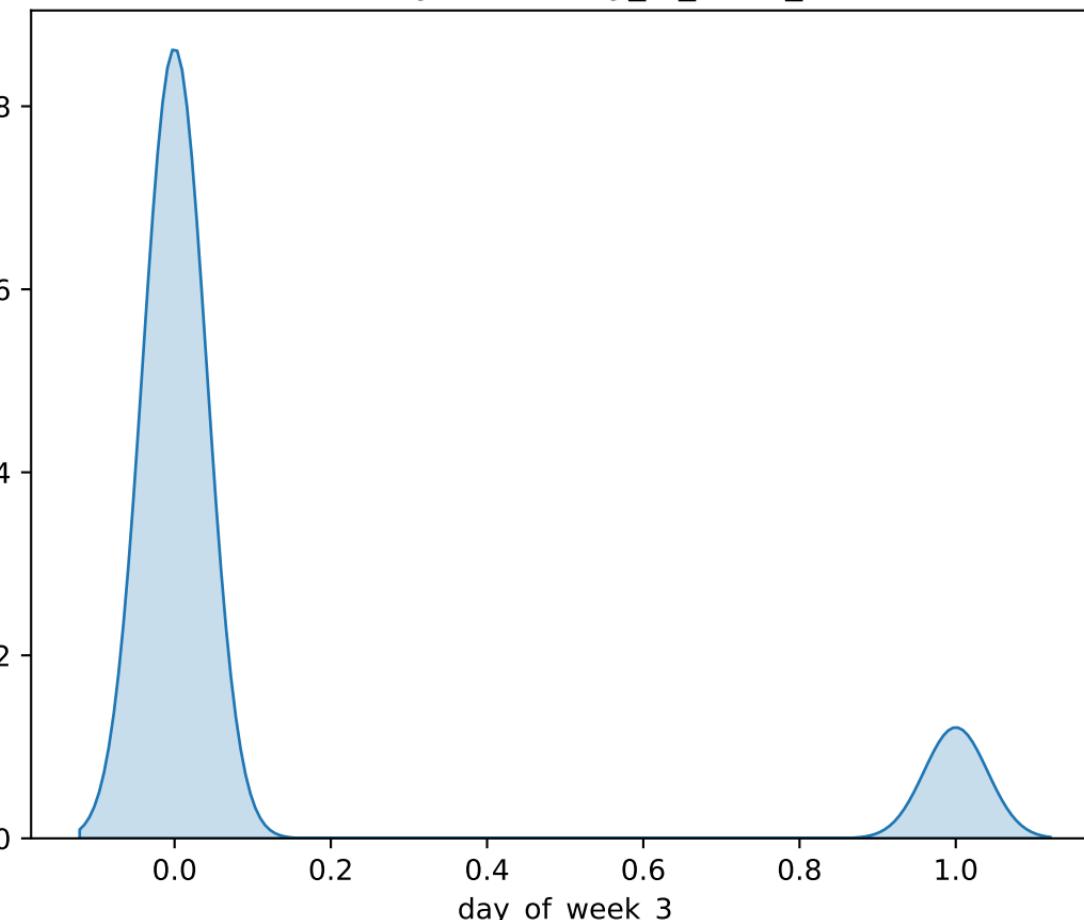
Histogram of day\_of\_week\_3



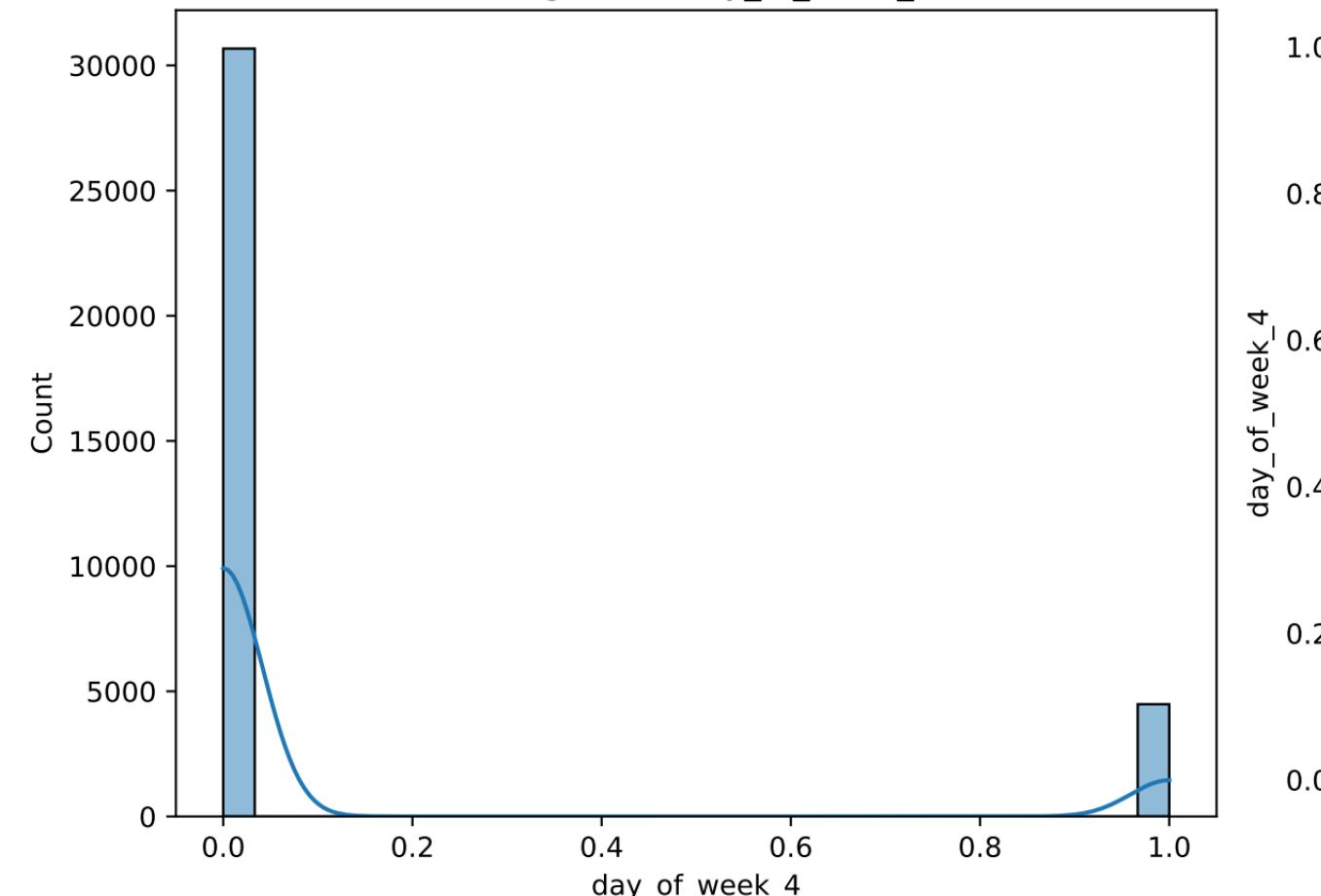
Boxplot of day\_of\_week\_3



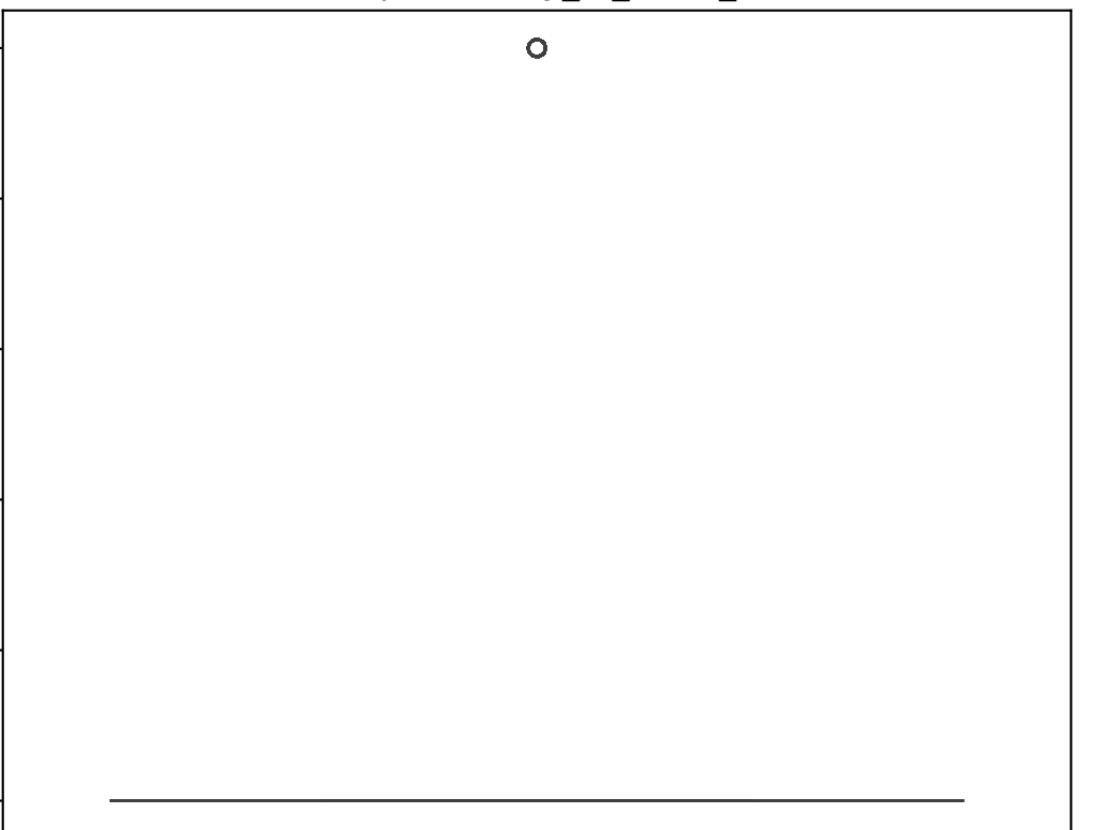
Density Plot of day\_of\_week\_3



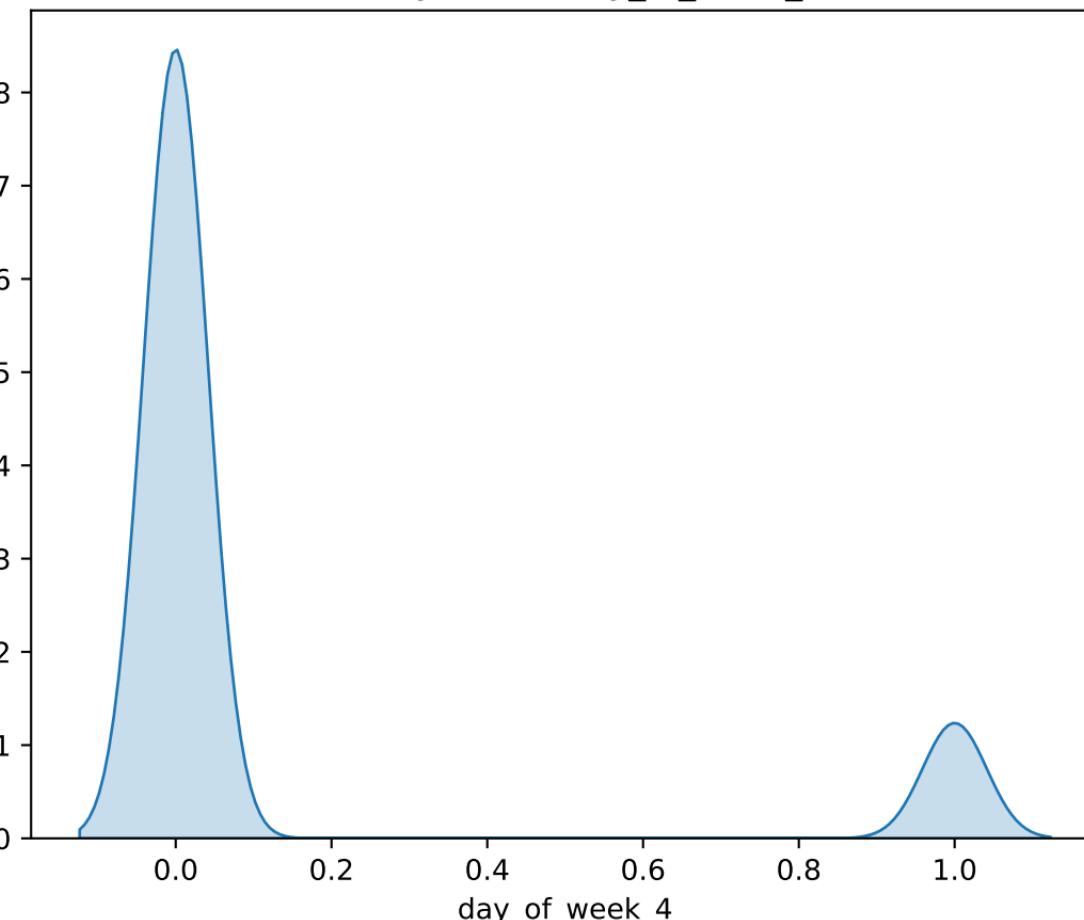
Histogram of day\_of\_week\_4



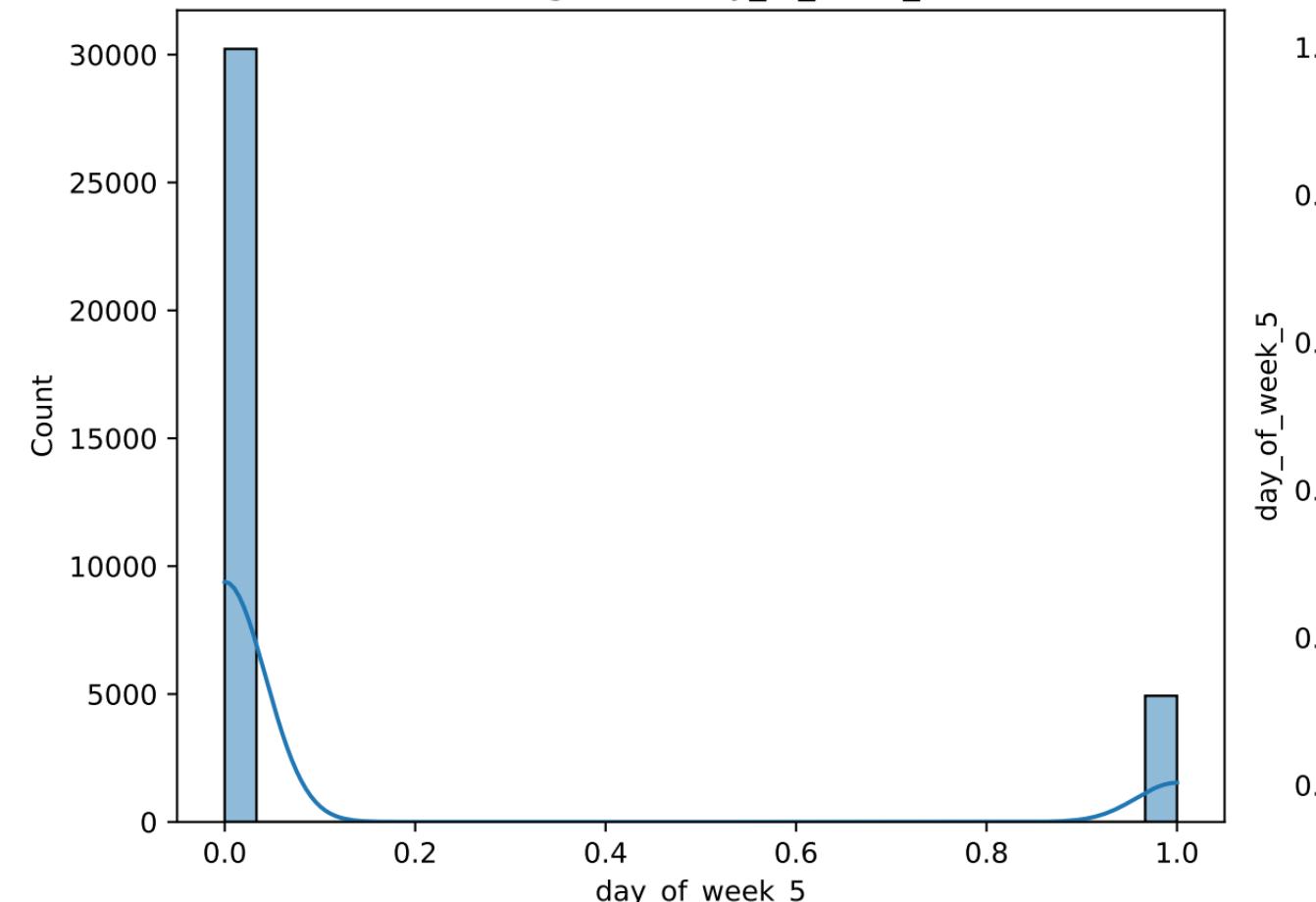
Boxplot of day\_of\_week\_4



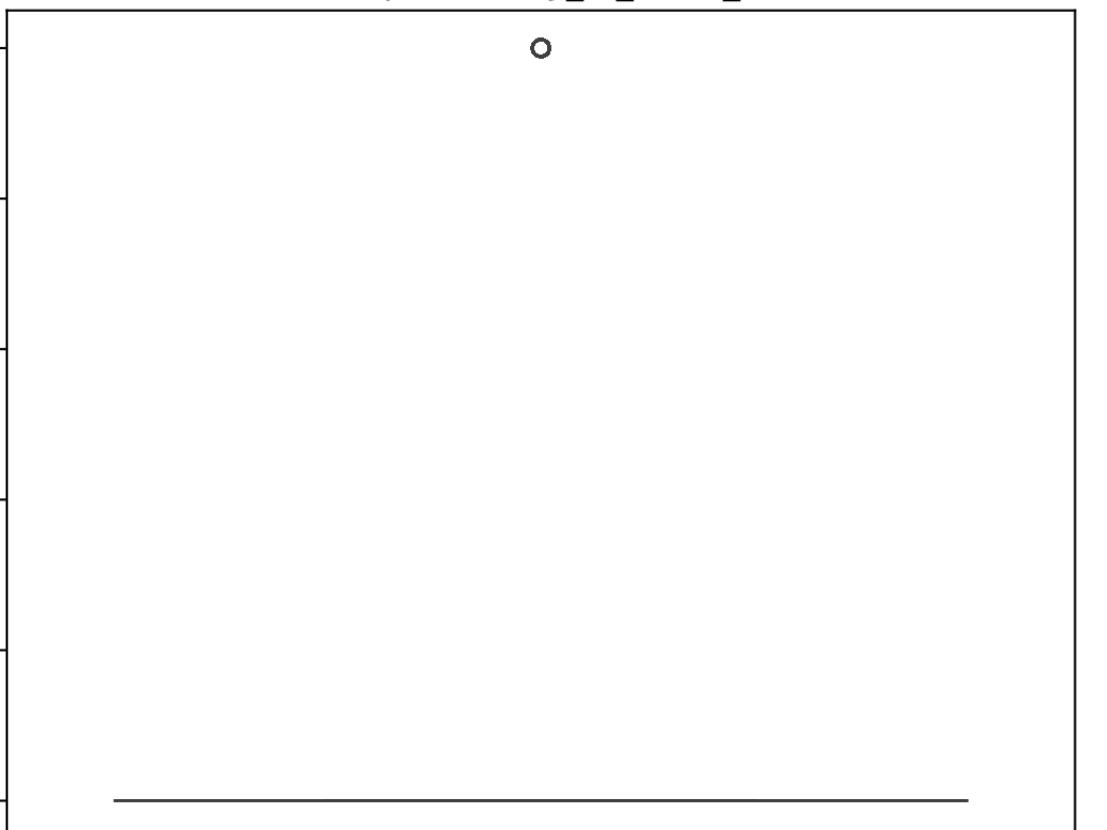
Density Plot of day\_of\_week\_4



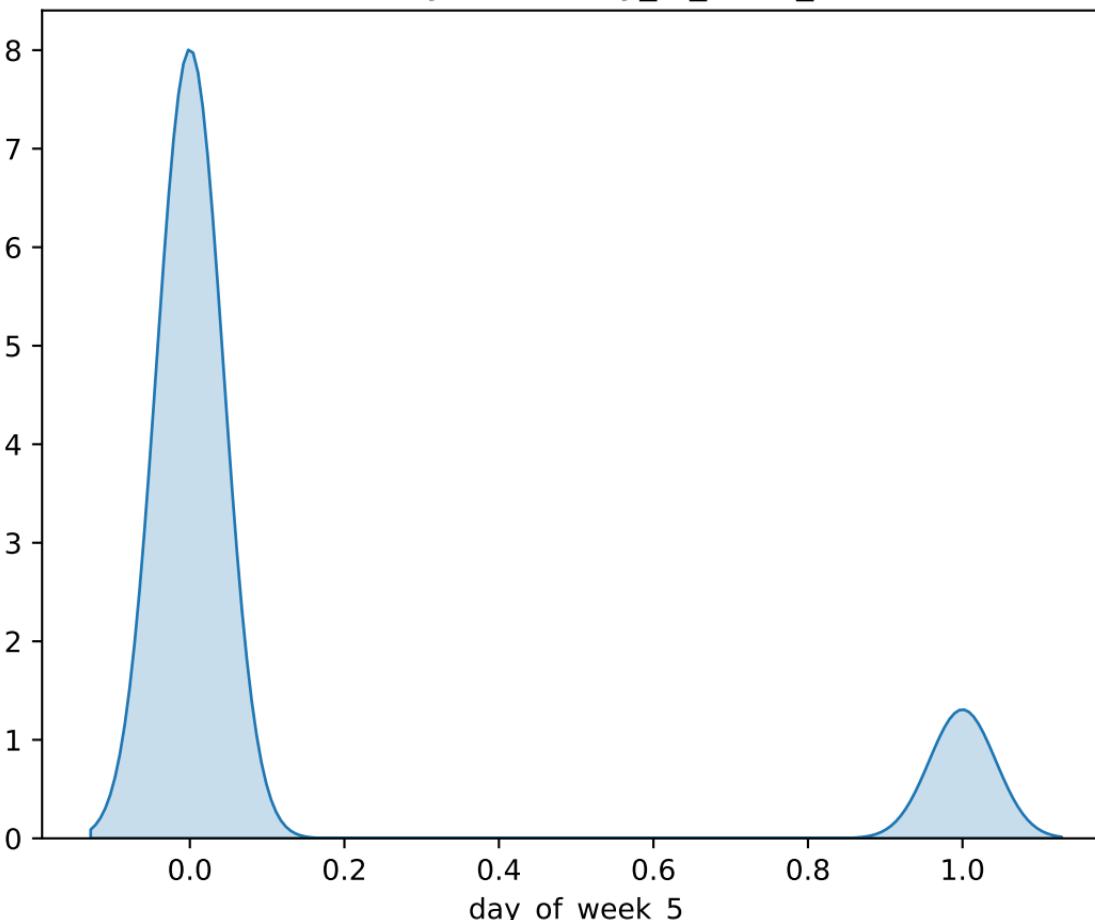
Histogram of day\_of\_week\_5



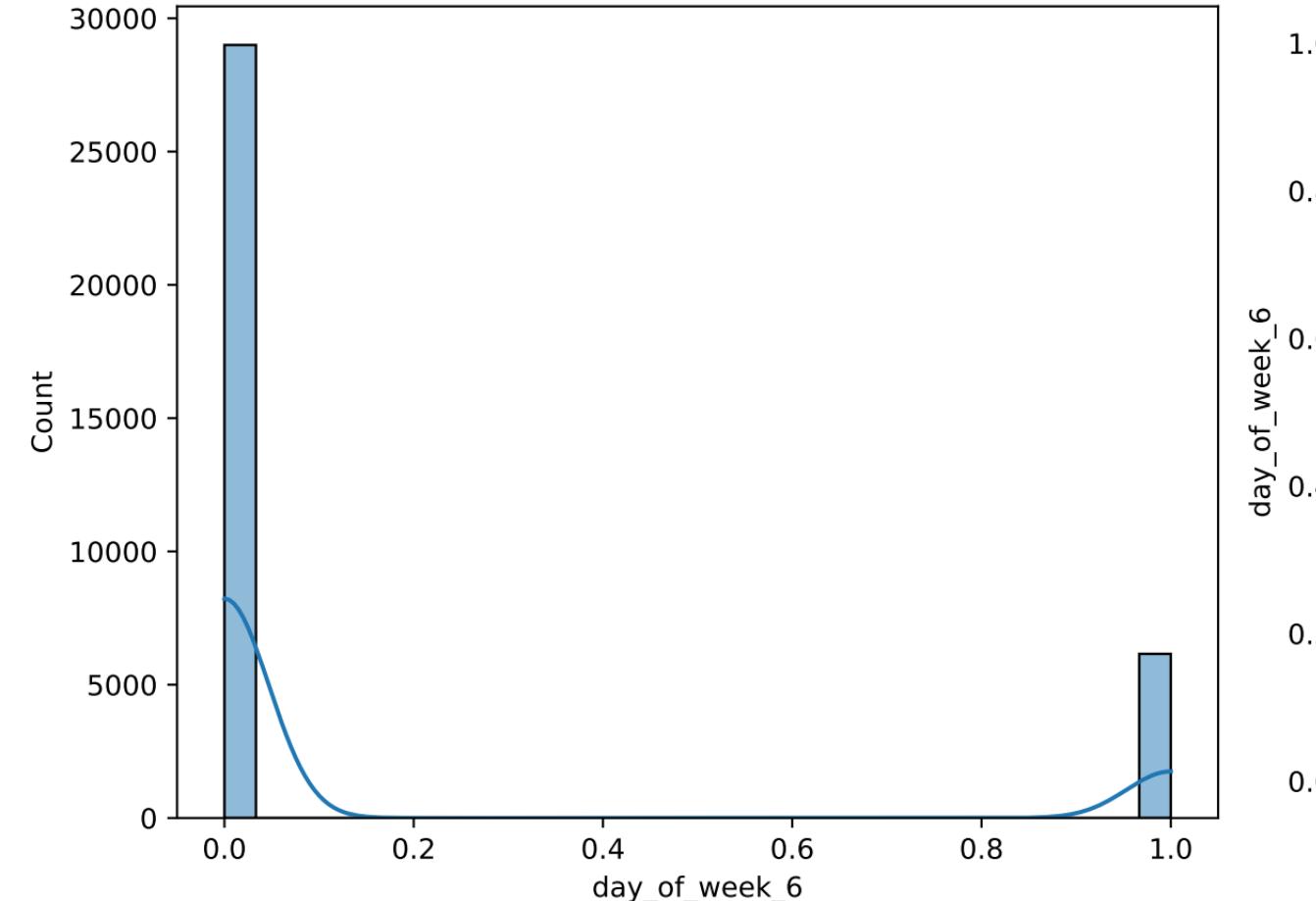
Boxplot of day\_of\_week\_5



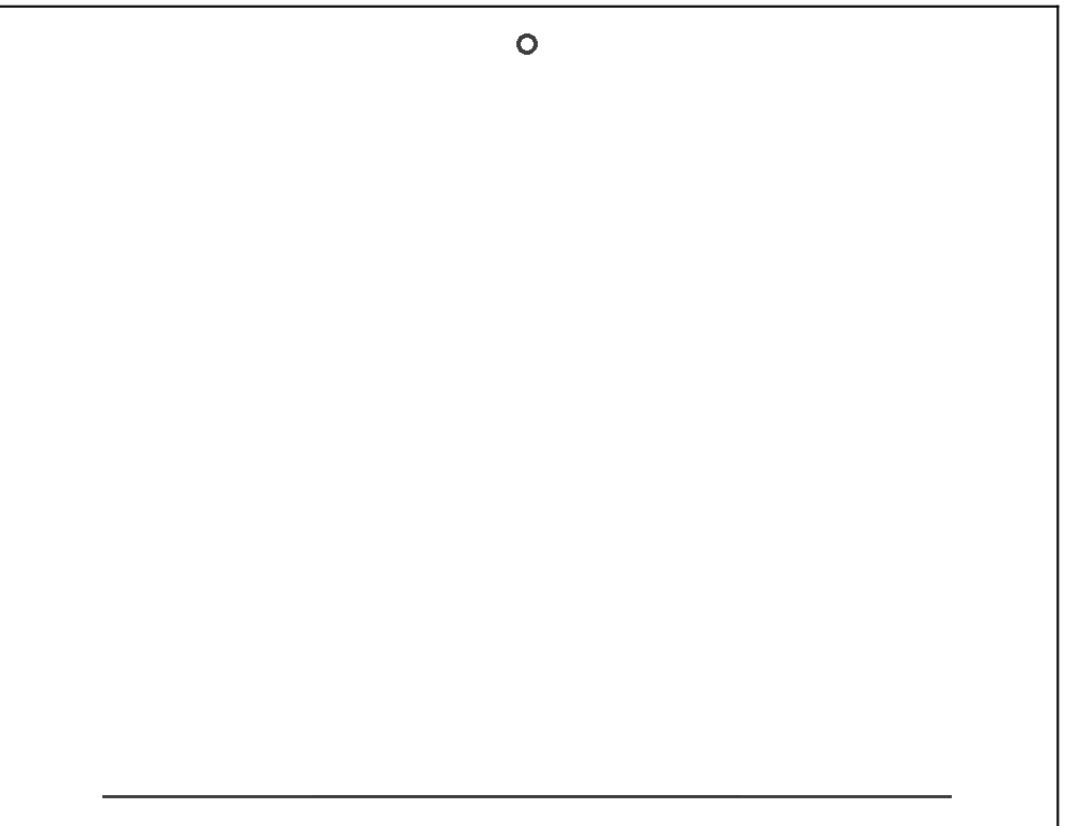
Density Plot of day\_of\_week\_5



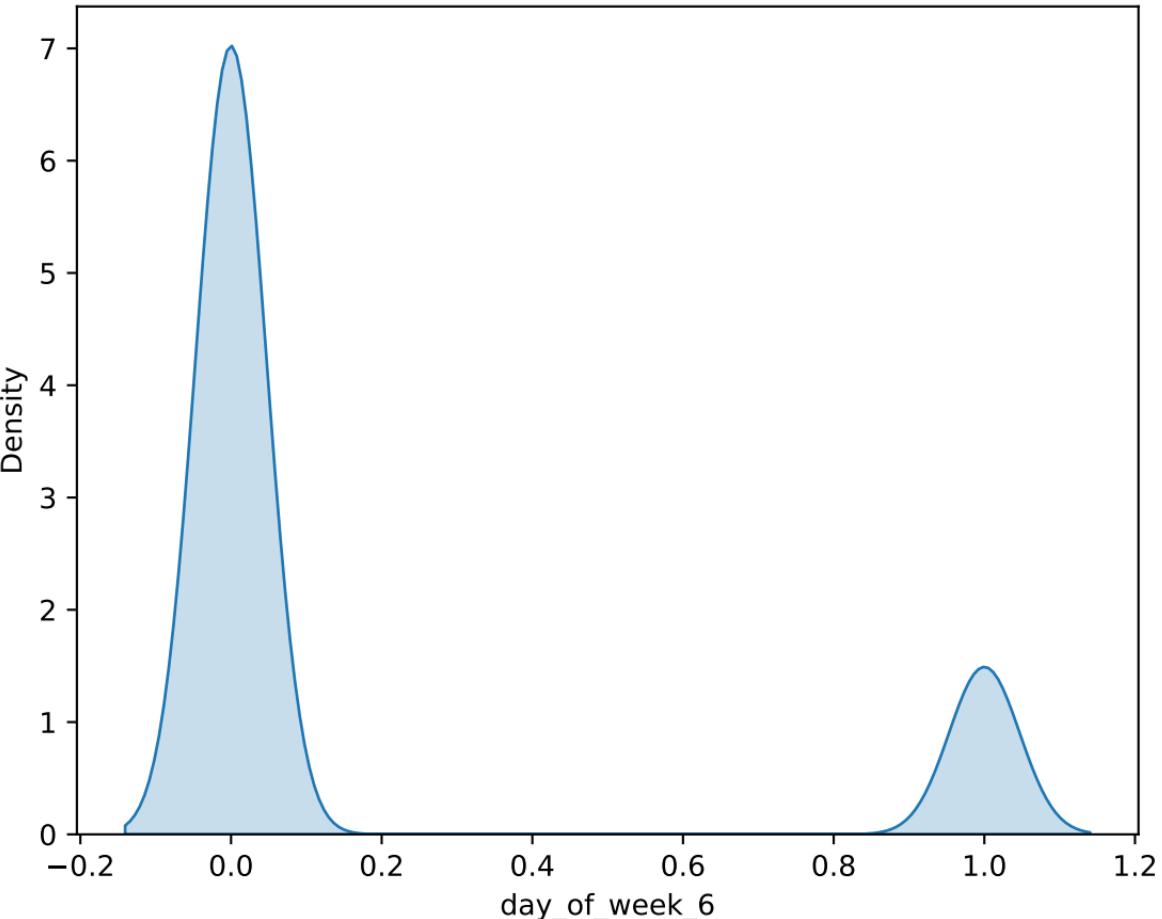
Histogram of day\_of\_week\_6



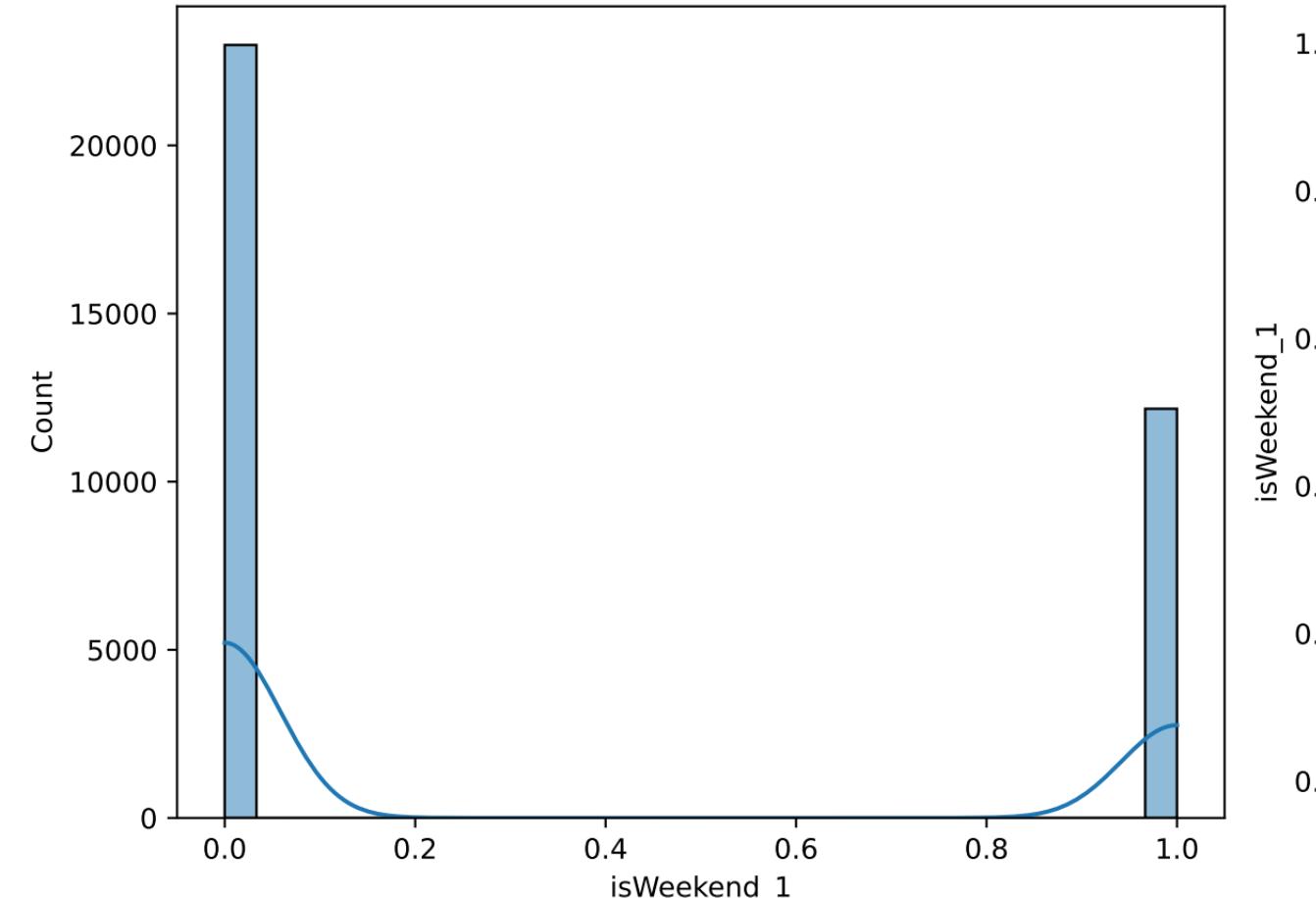
Boxplot of day\_of\_week\_6



Density Plot of day\_of\_week\_6



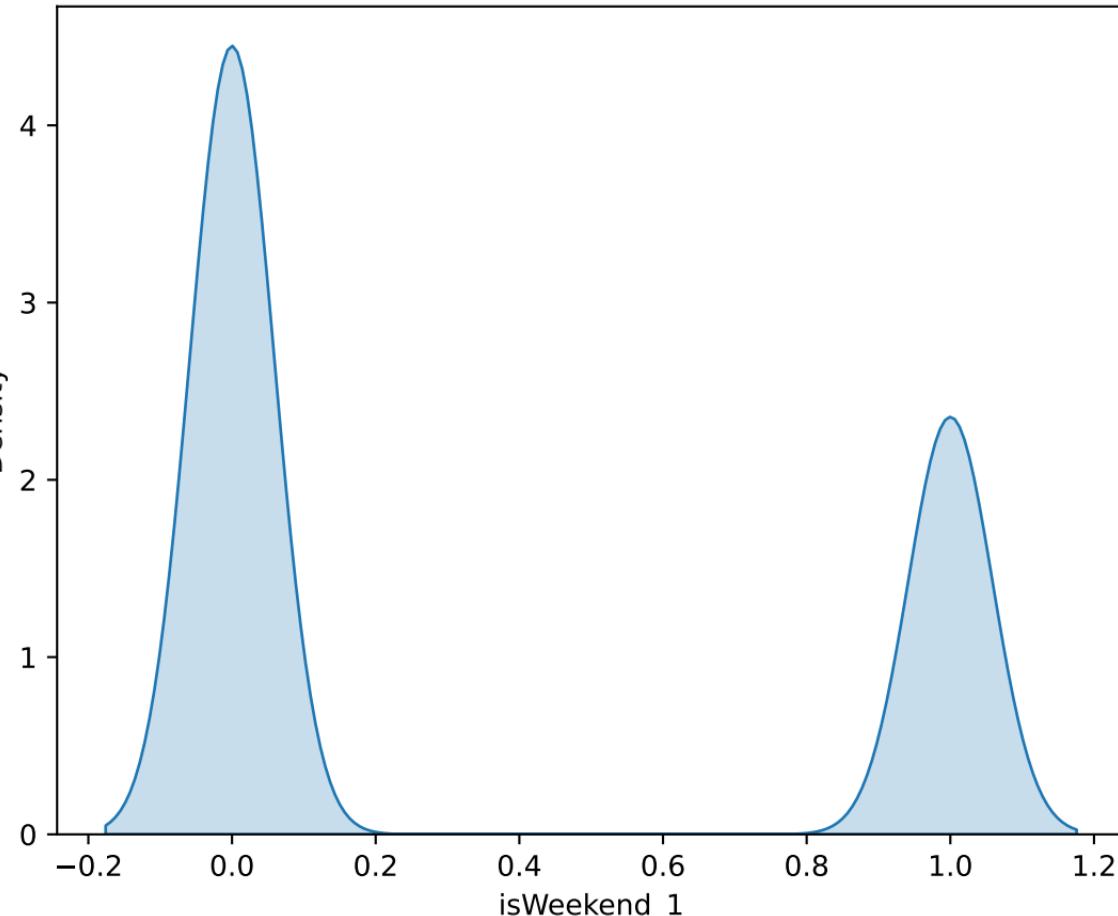
Histogram of isWeekend\_1



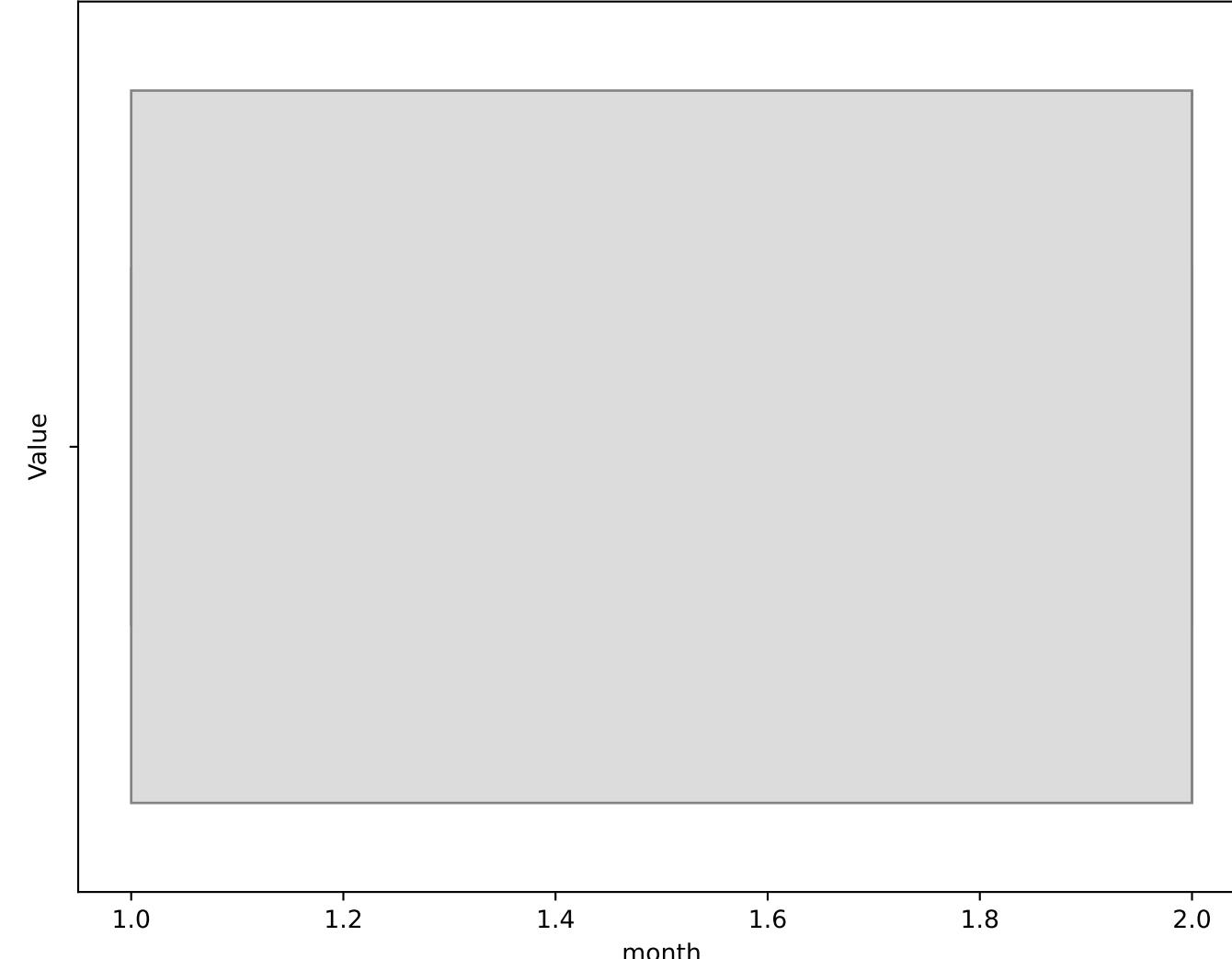
Boxplot of isWeekend\_1



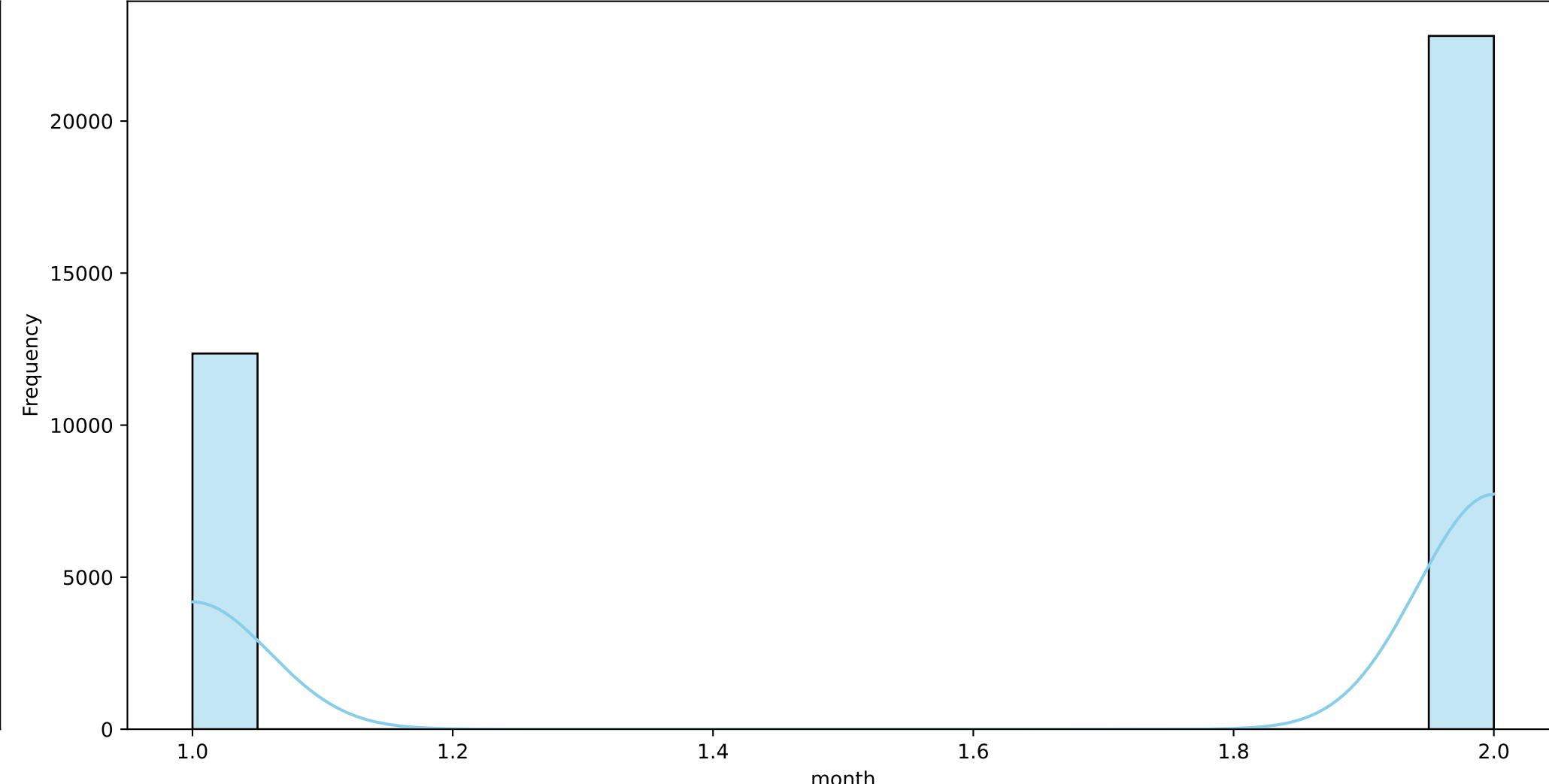
Density Plot of isWeekend\_1



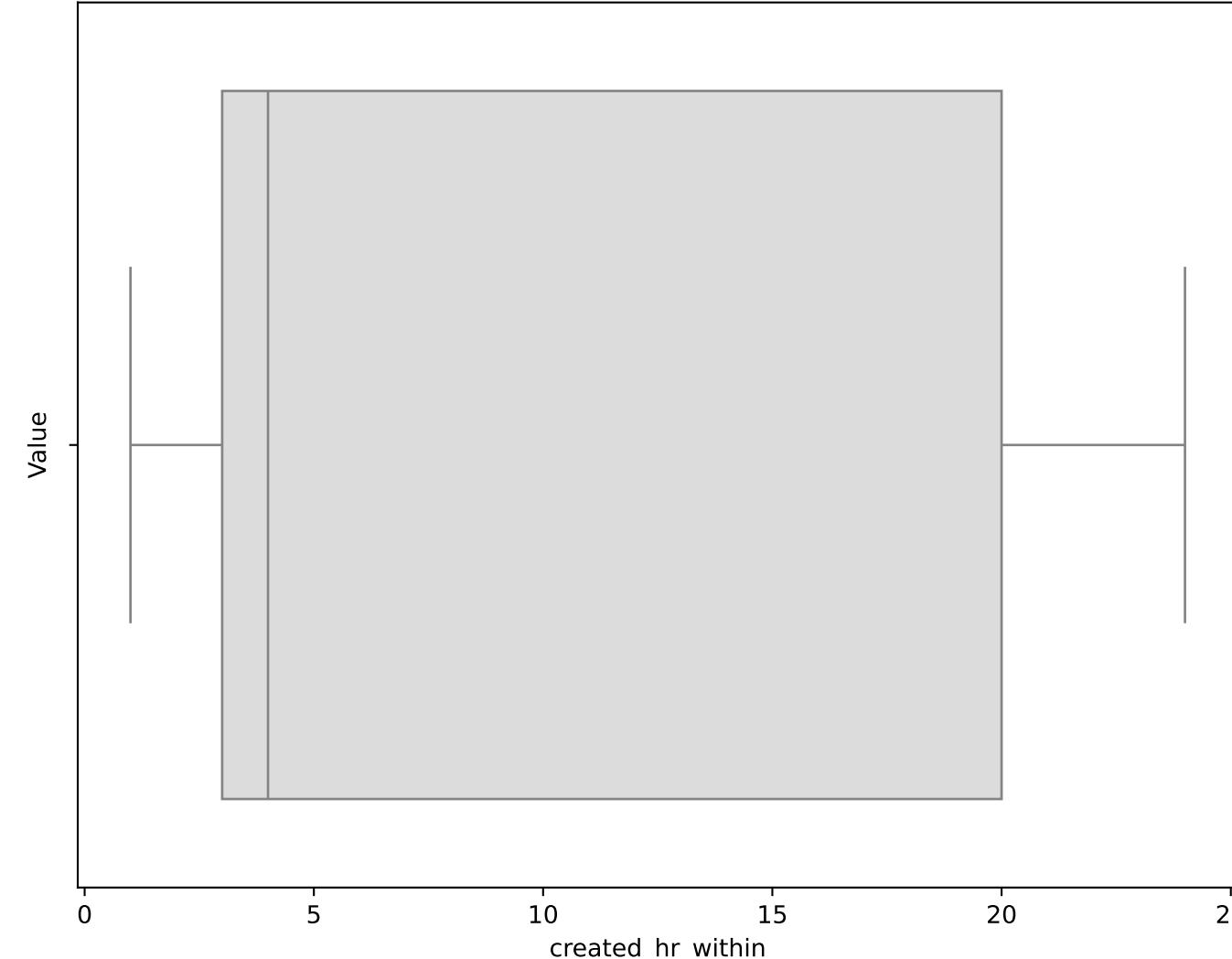
Boxplot of month



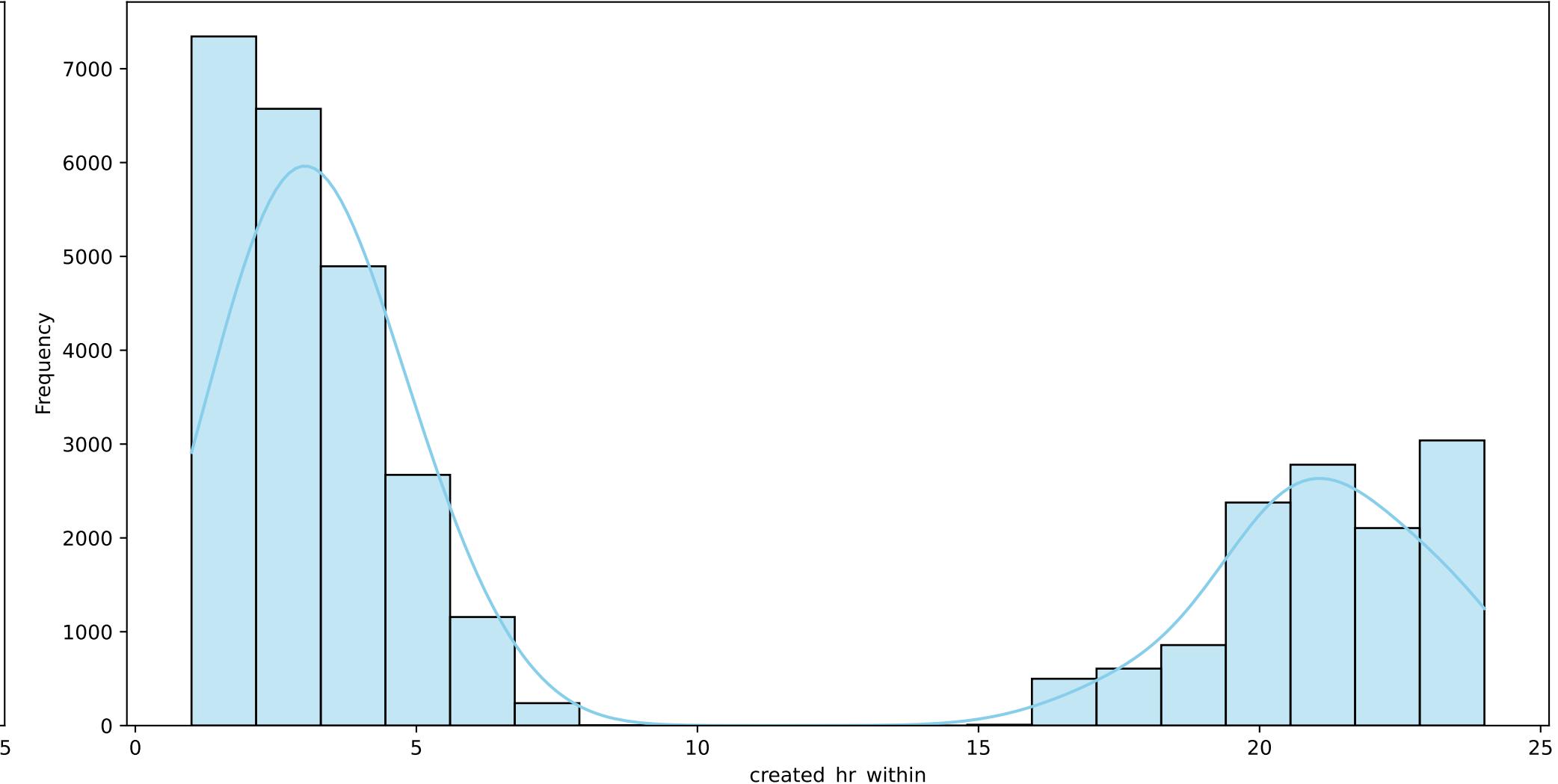
Histogram of month



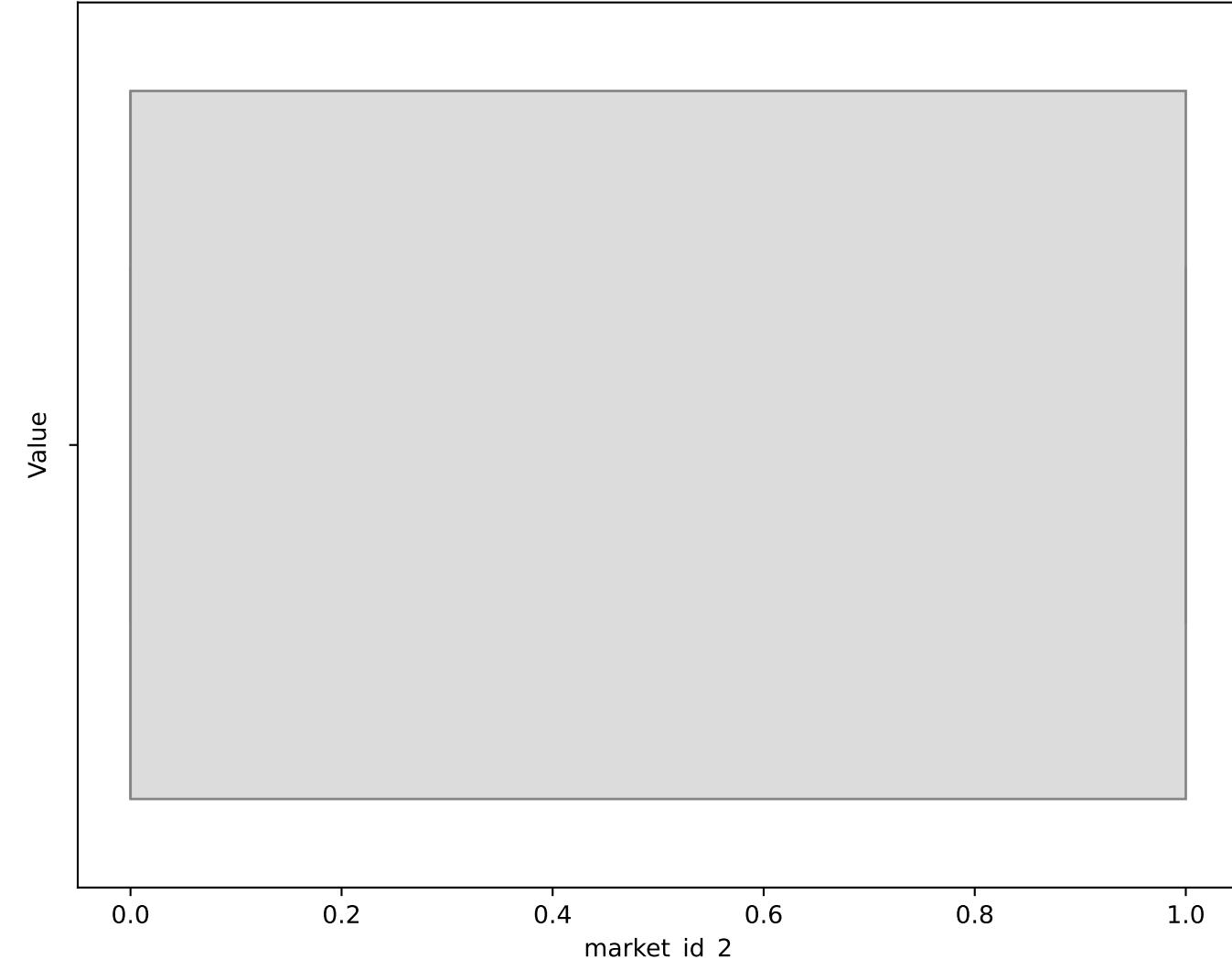
Boxplot of created\_hr\_within



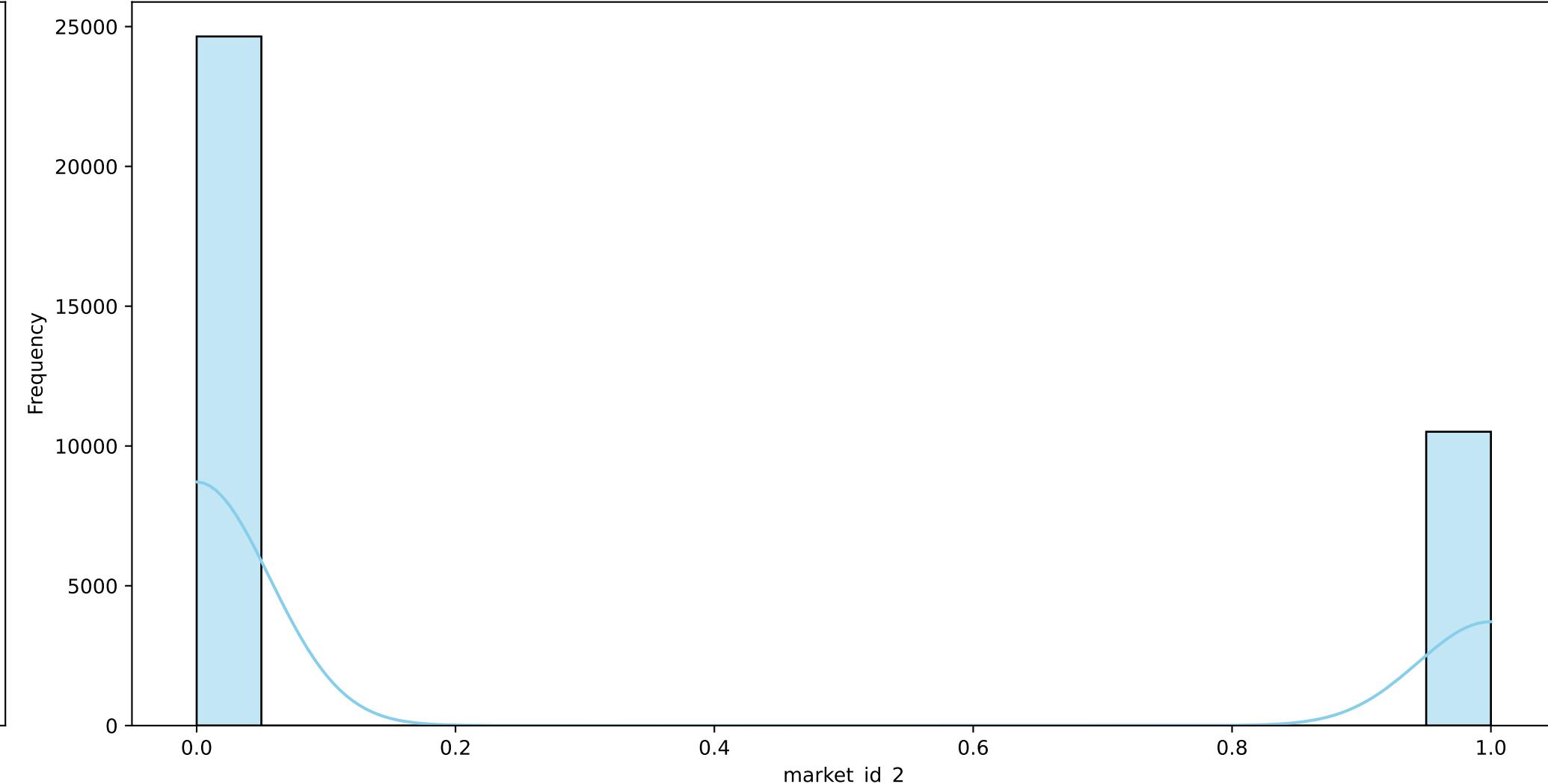
Histogram of created\_hr\_within



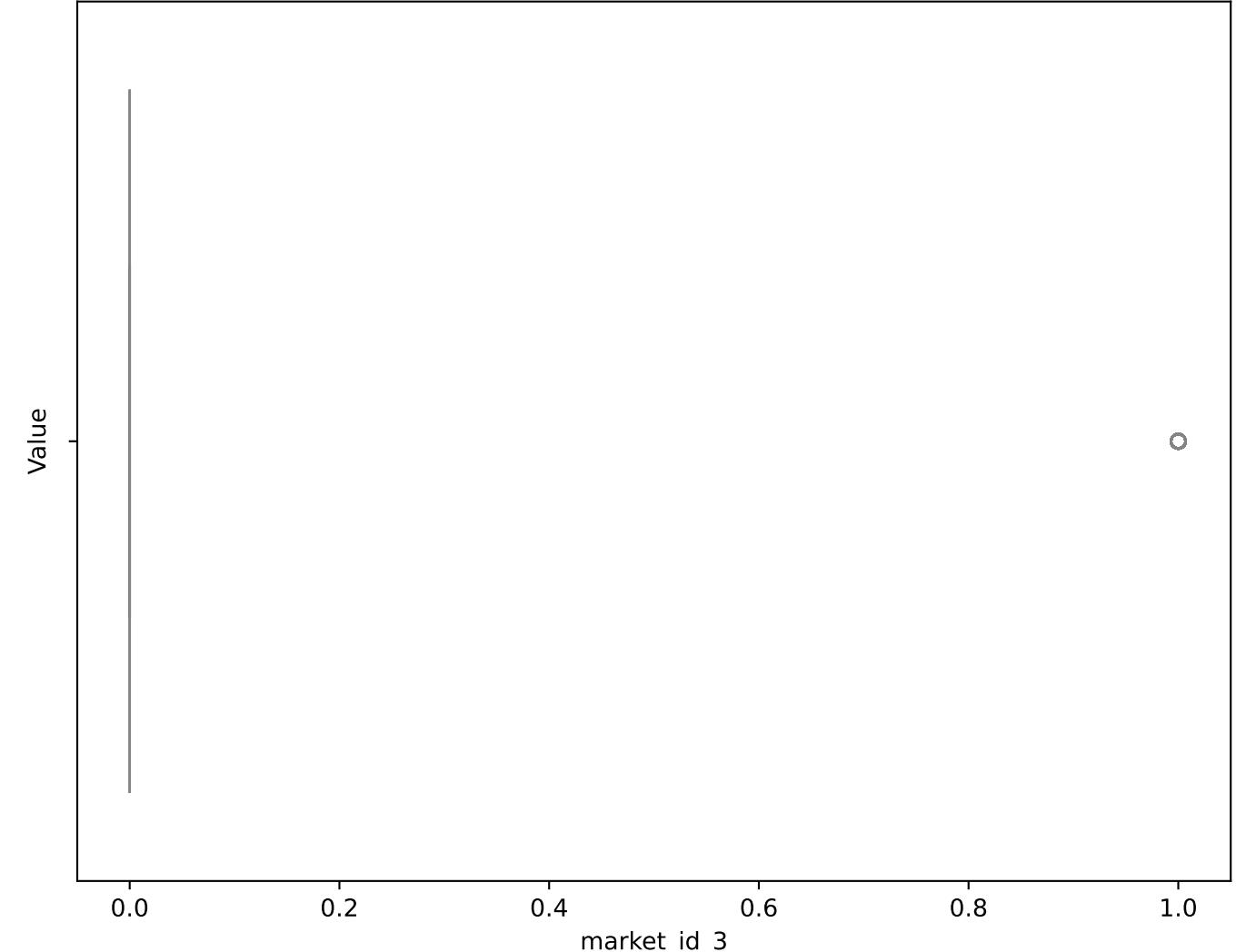
Boxplot of market\_id\_2



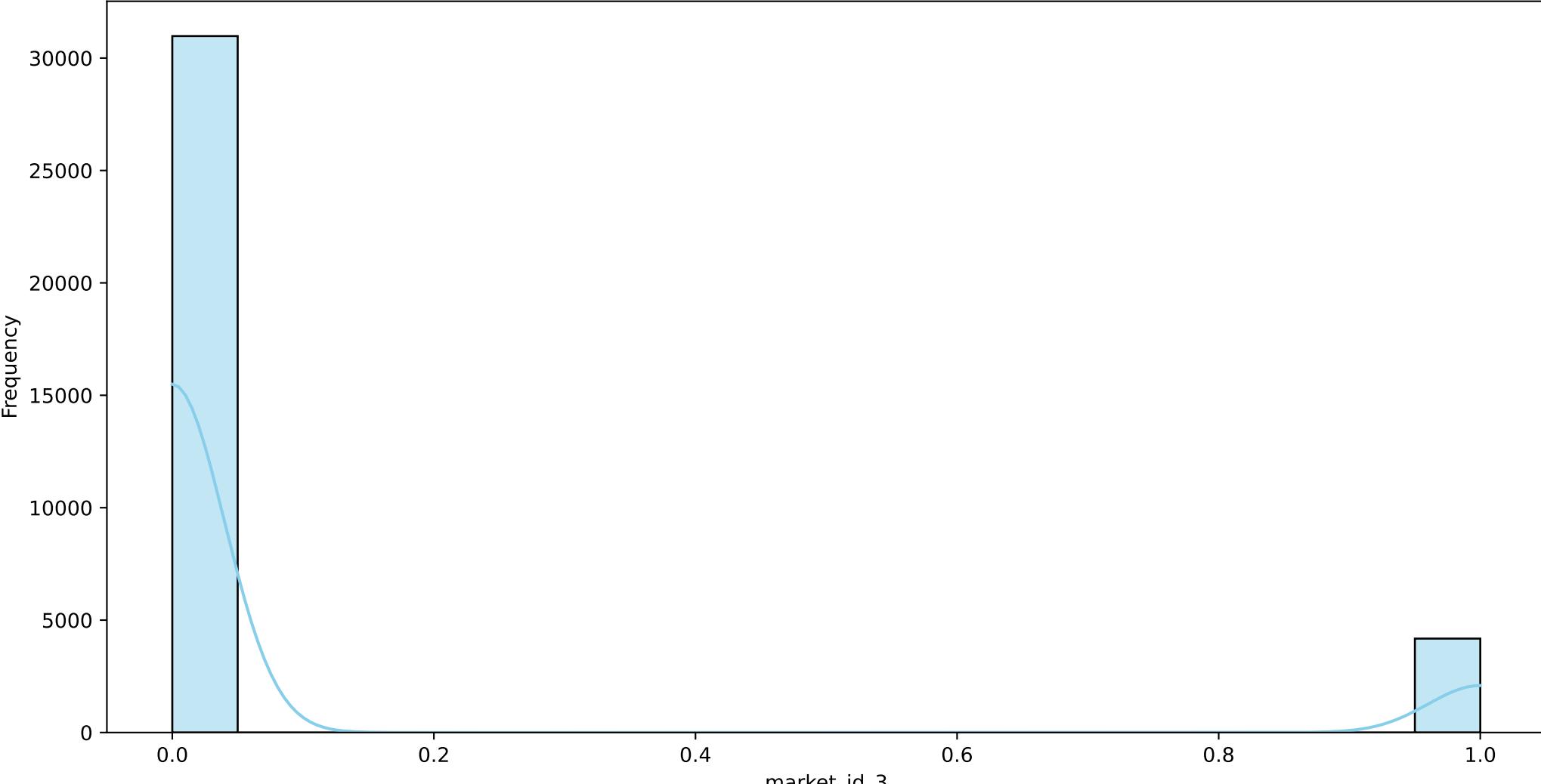
Histogram of market\_id\_2



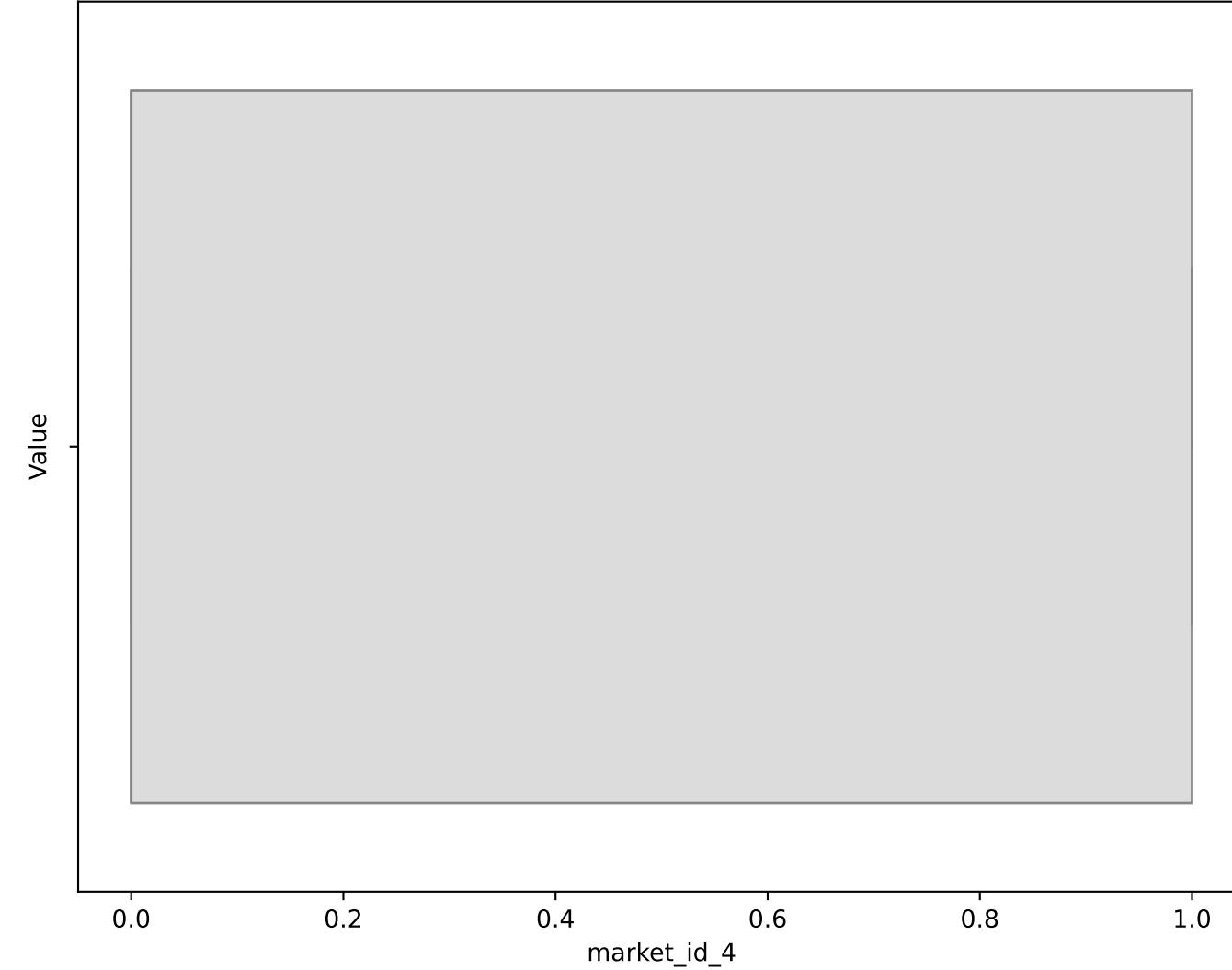
Boxplot of market\_id\_3



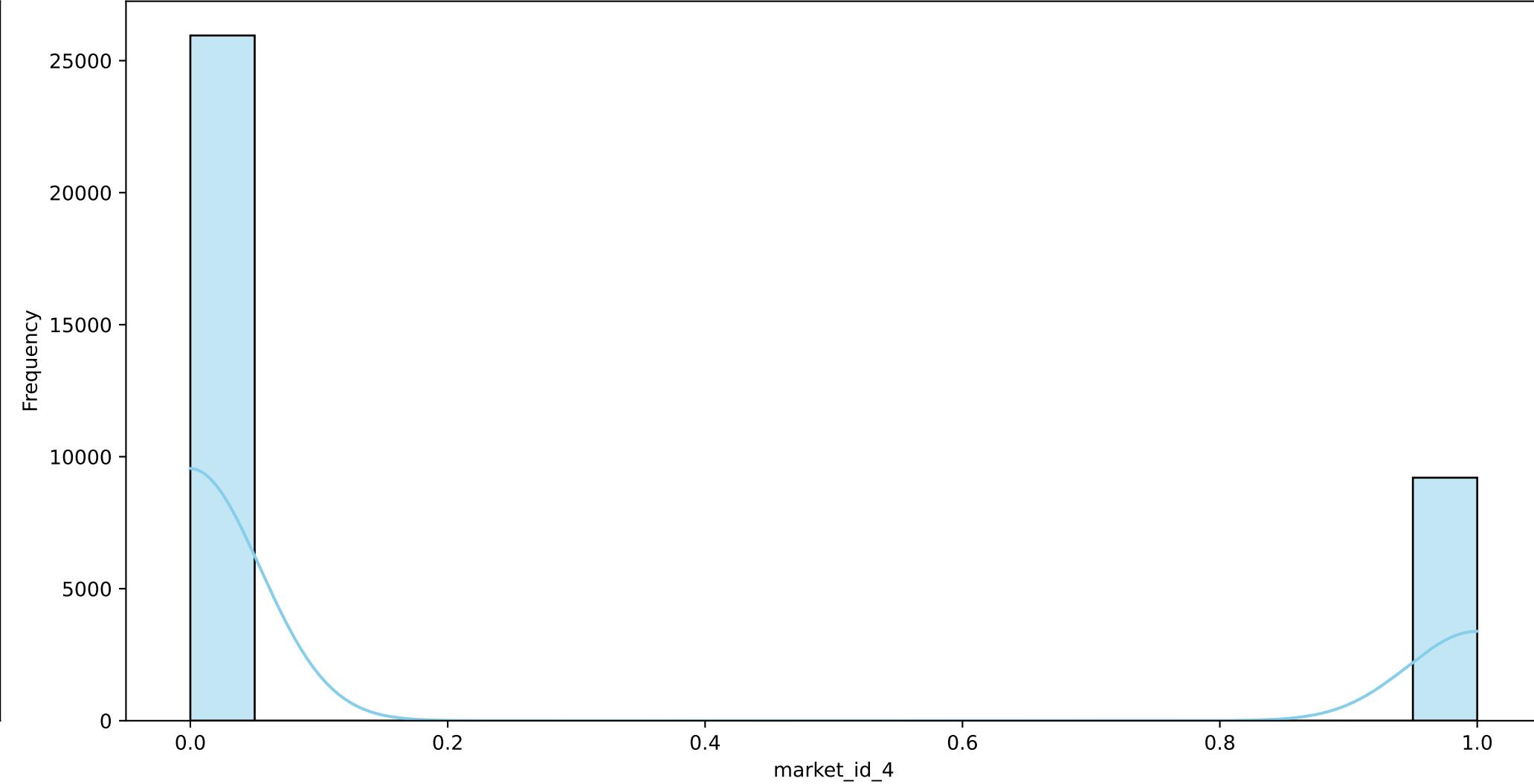
Histogram of market\_id\_3



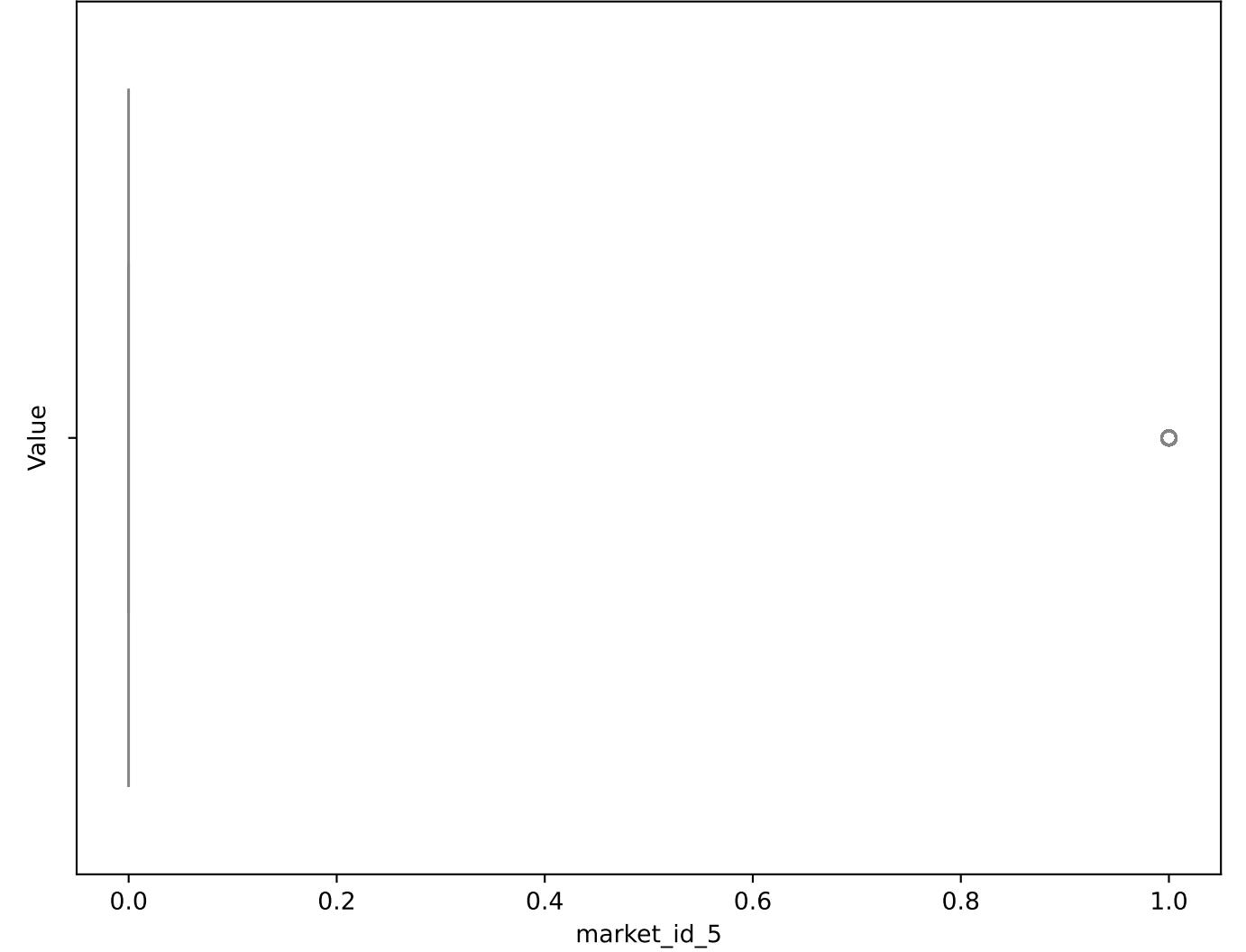
Boxplot of market\_id\_4



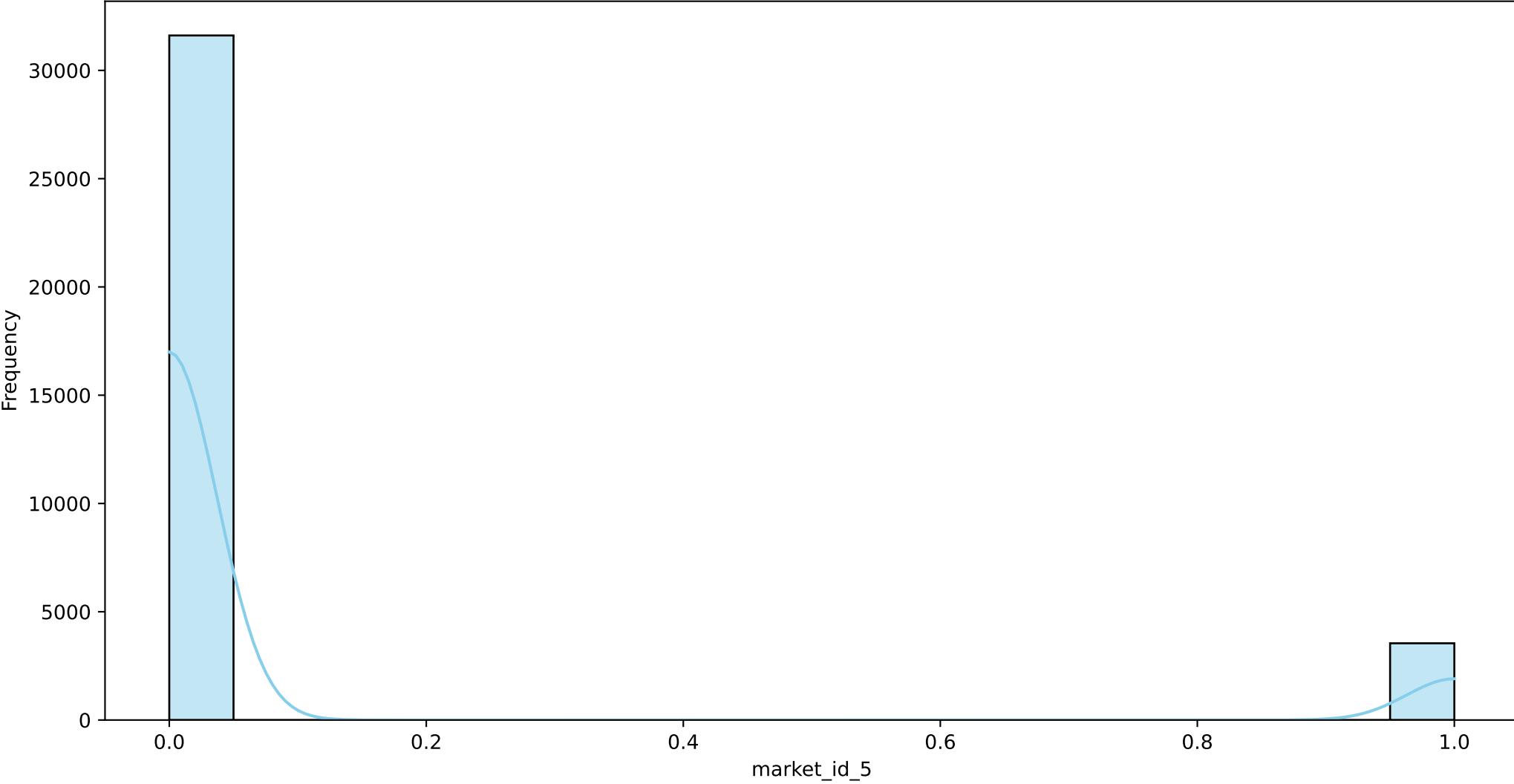
Histogram of market\_id\_4



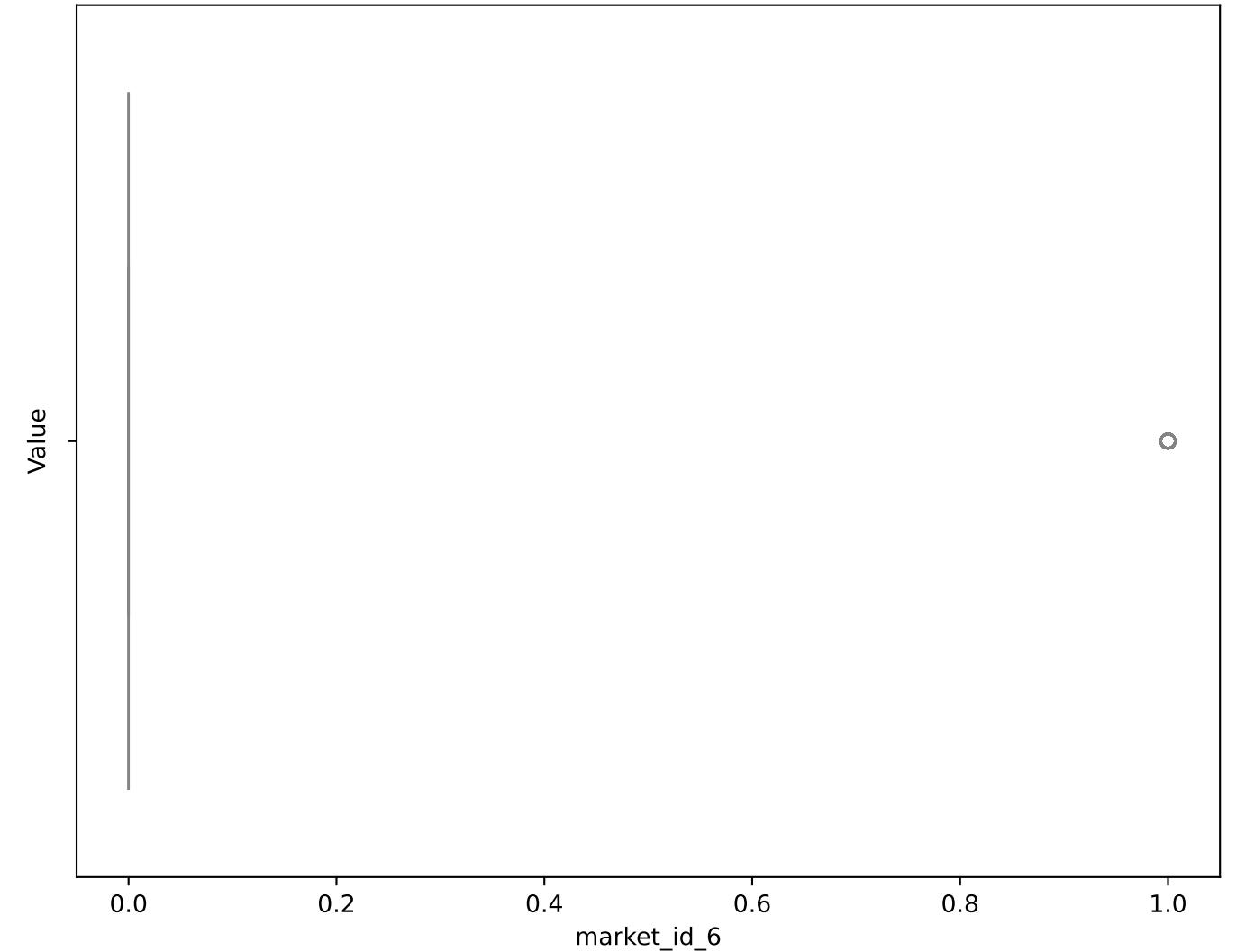
Boxplot of market\_id\_5



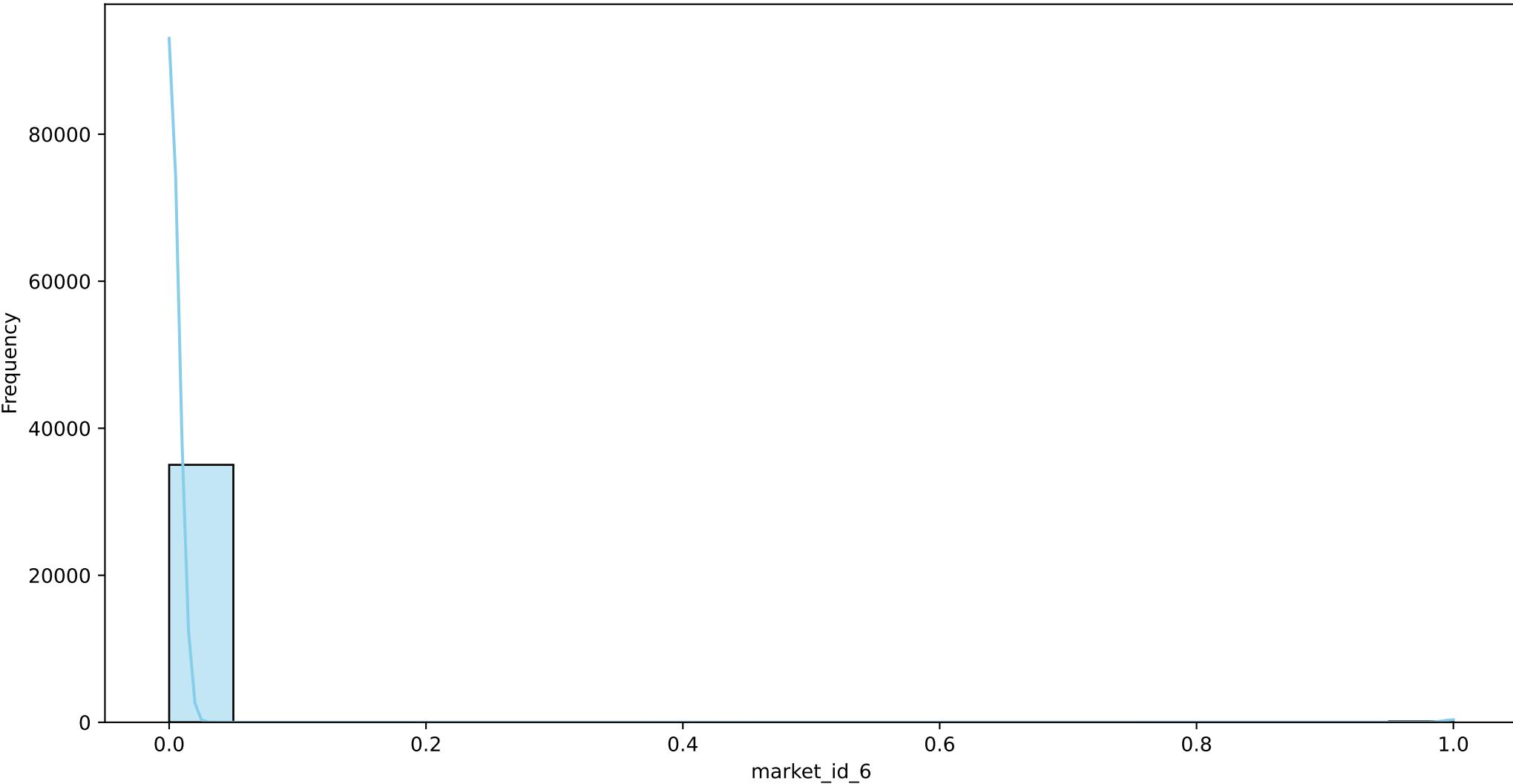
Histogram of market\_id\_5



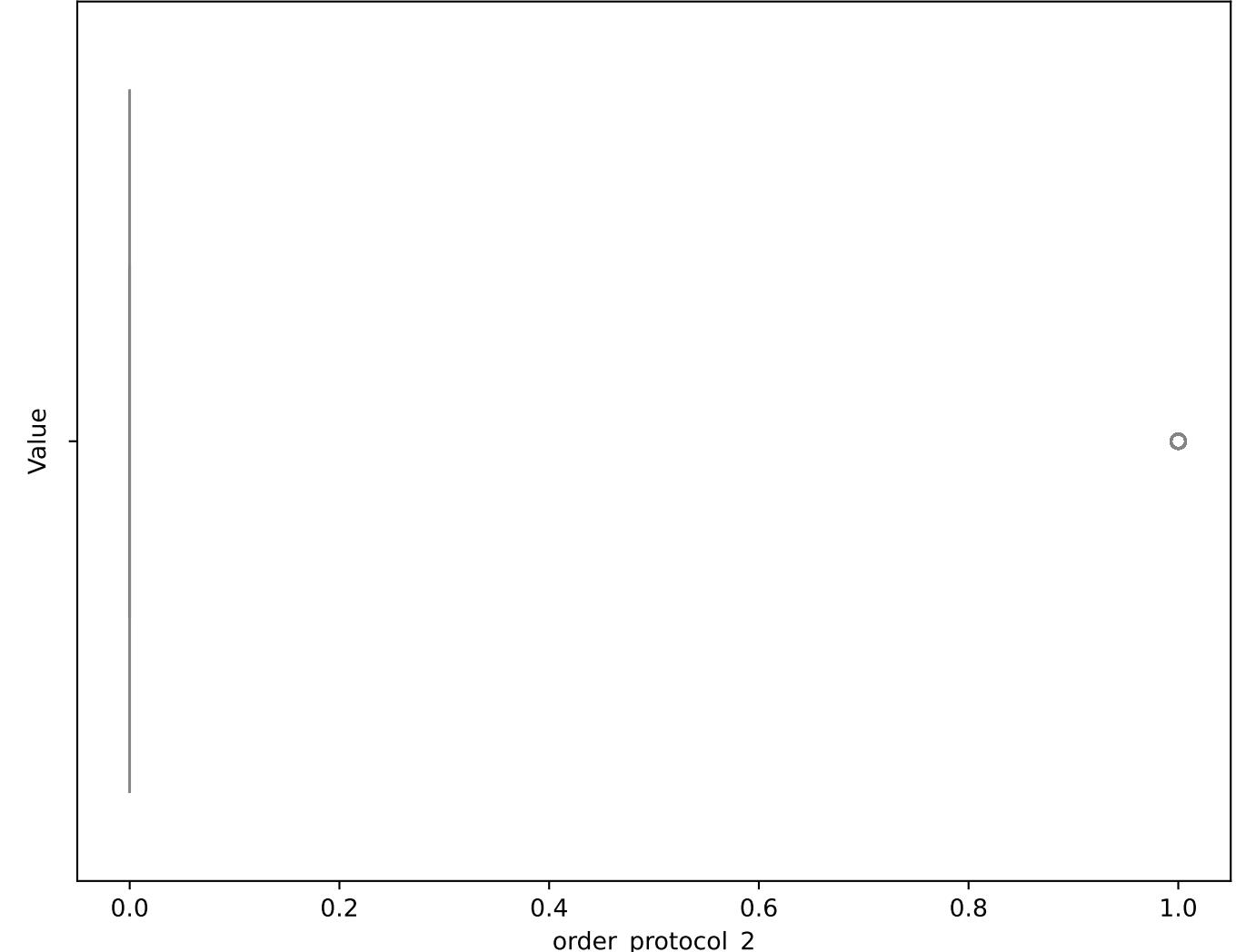
Boxplot of market\_id\_6



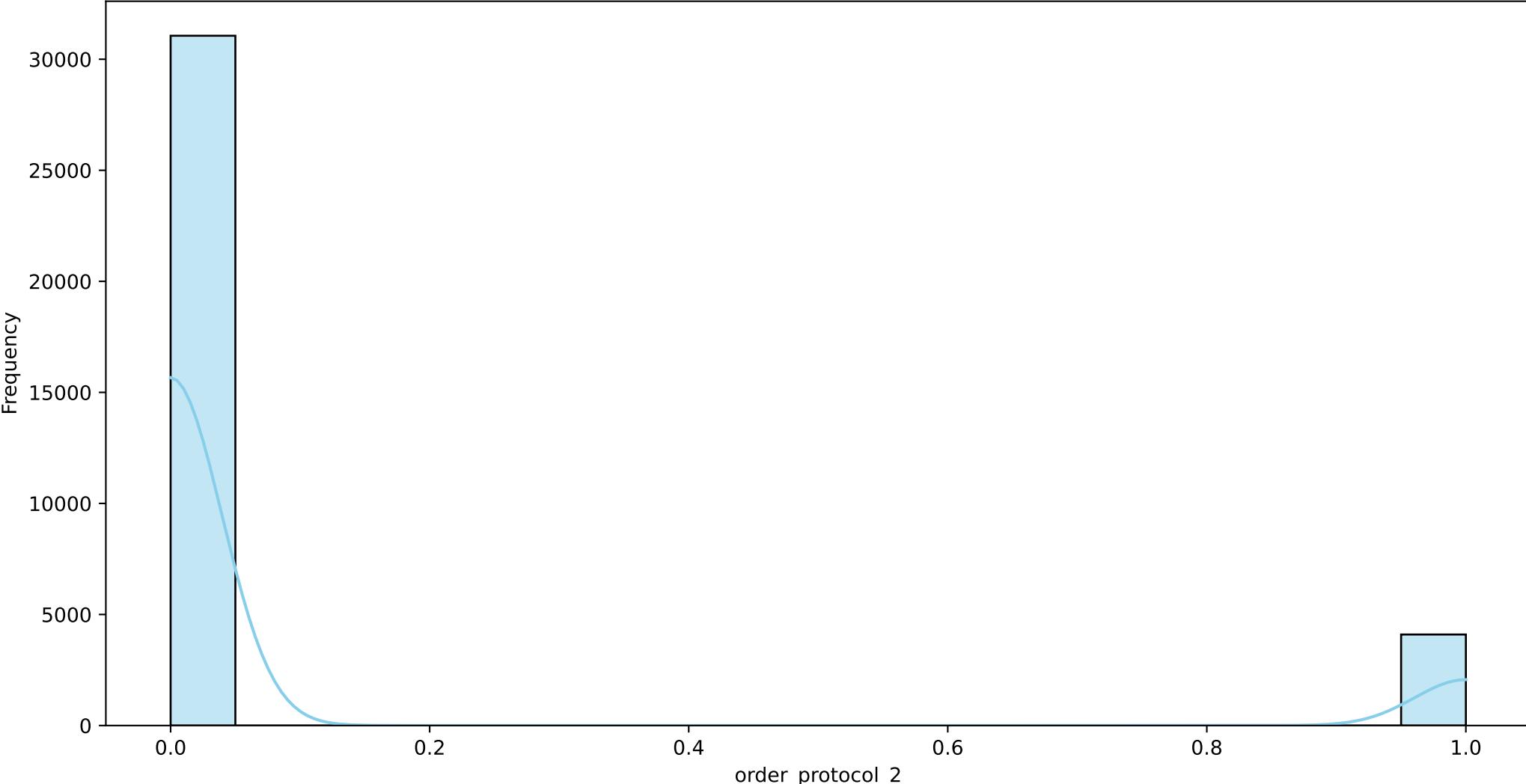
Histogram of market\_id\_6



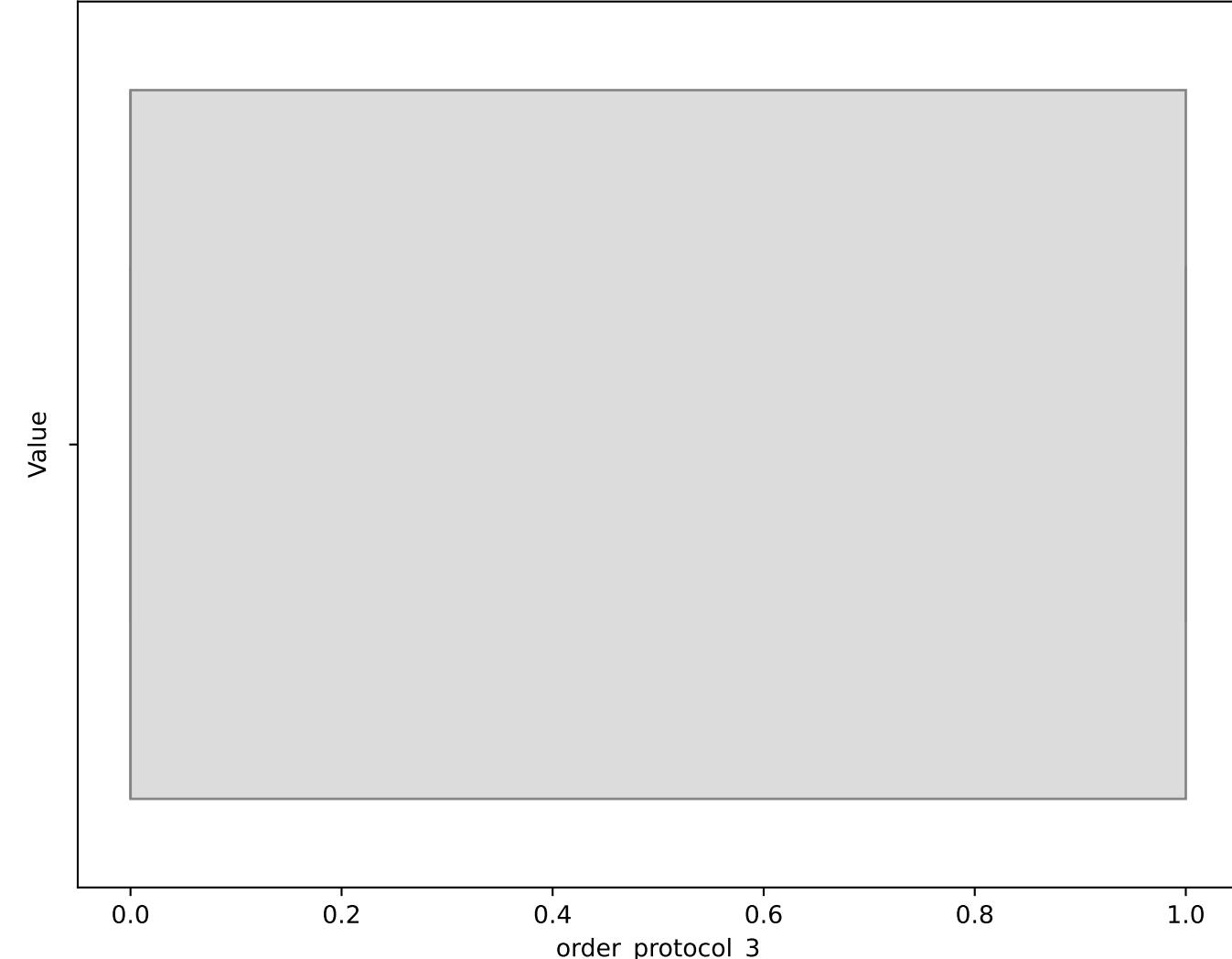
Boxplot of order\_protocol\_2



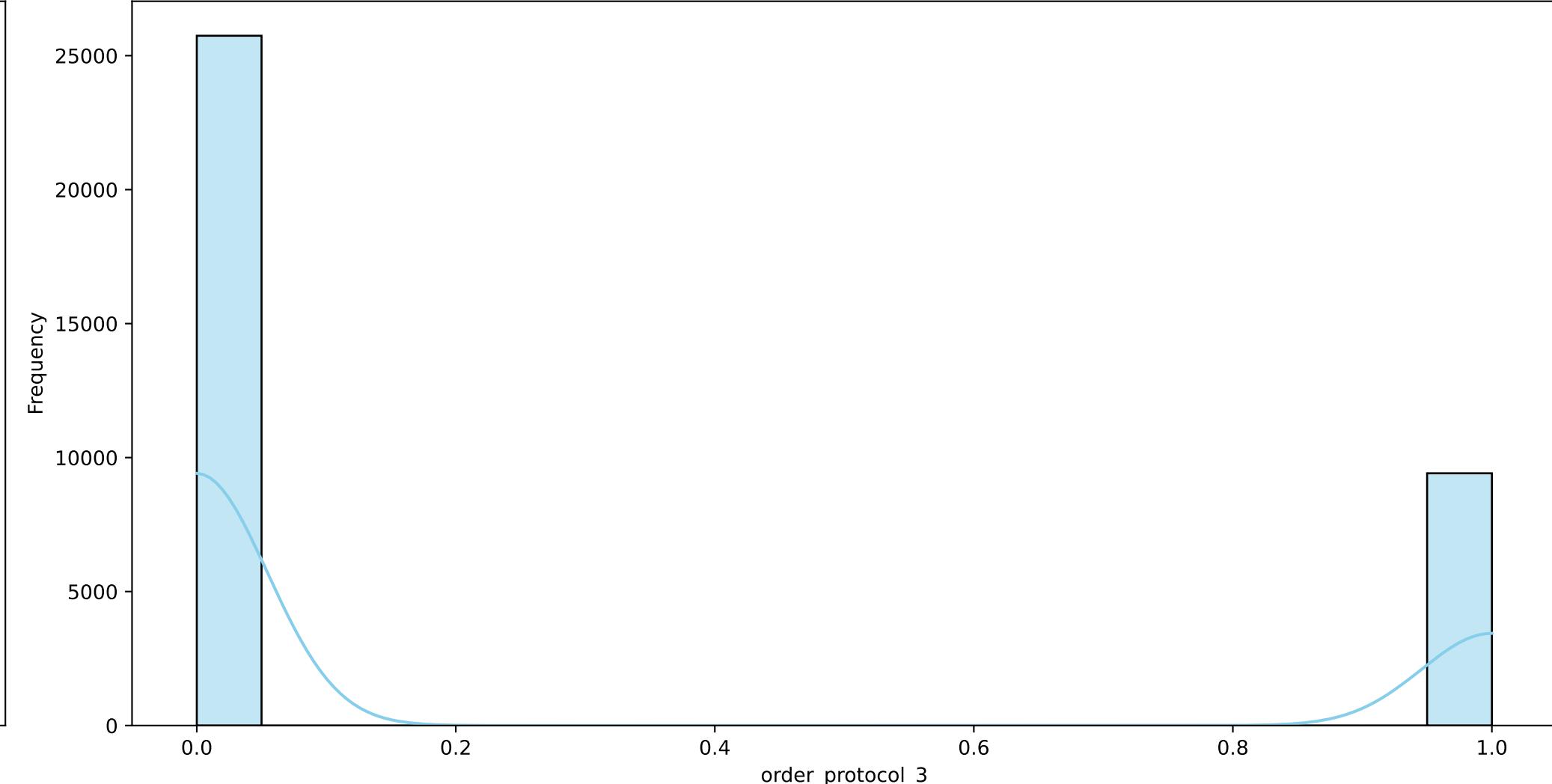
Histogram of order\_protocol\_2



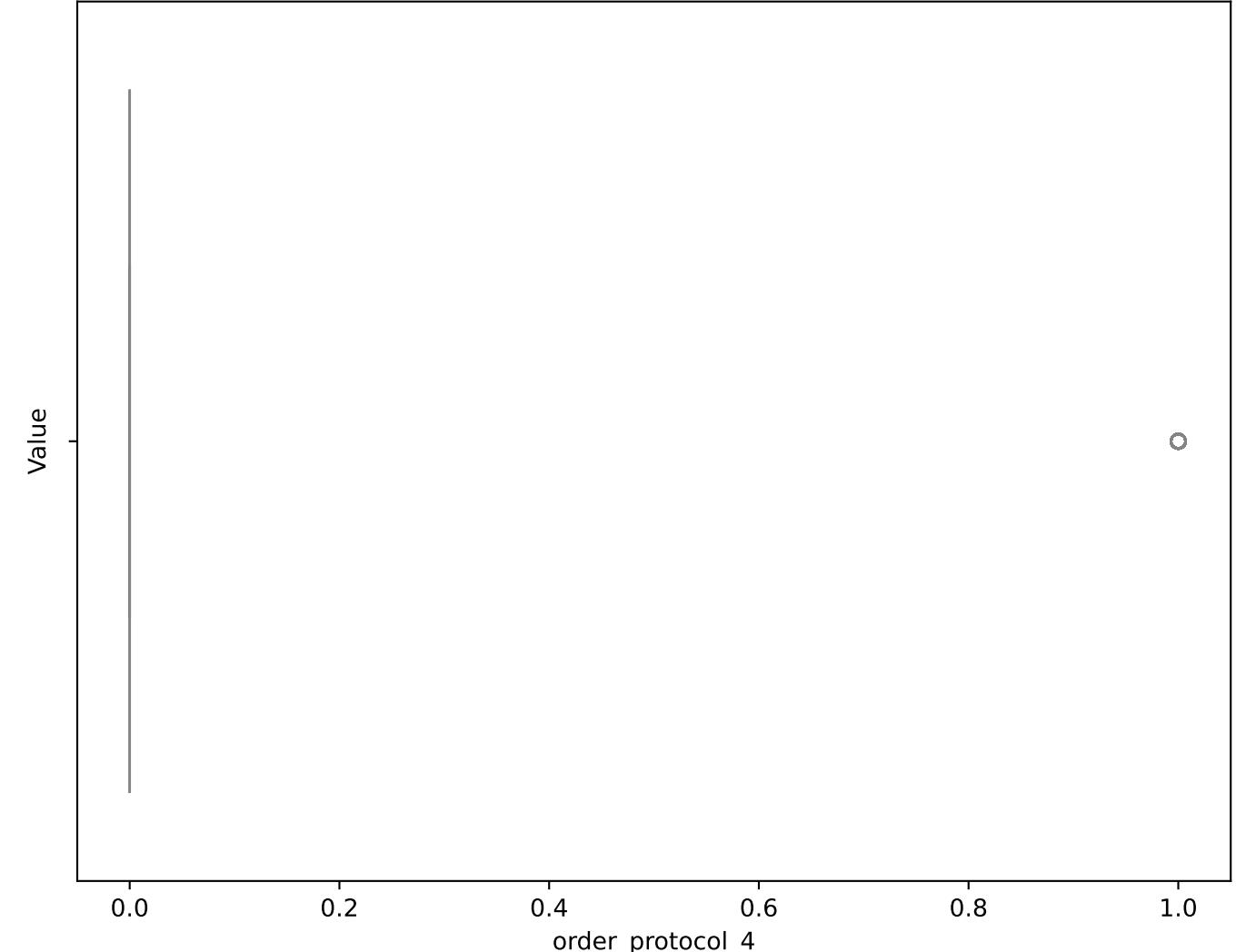
Boxplot of order\_protocol\_3



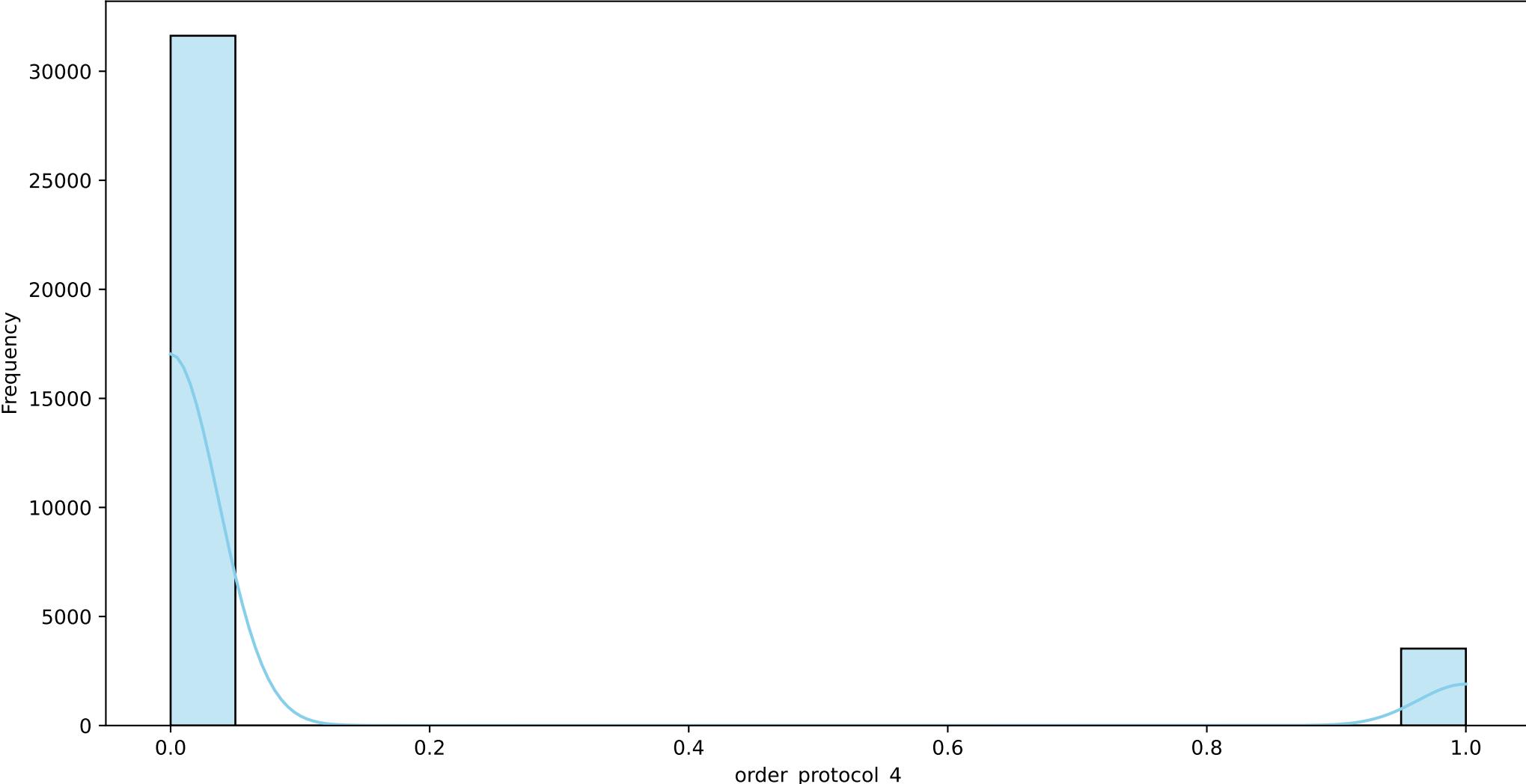
Histogram of order\_protocol\_3



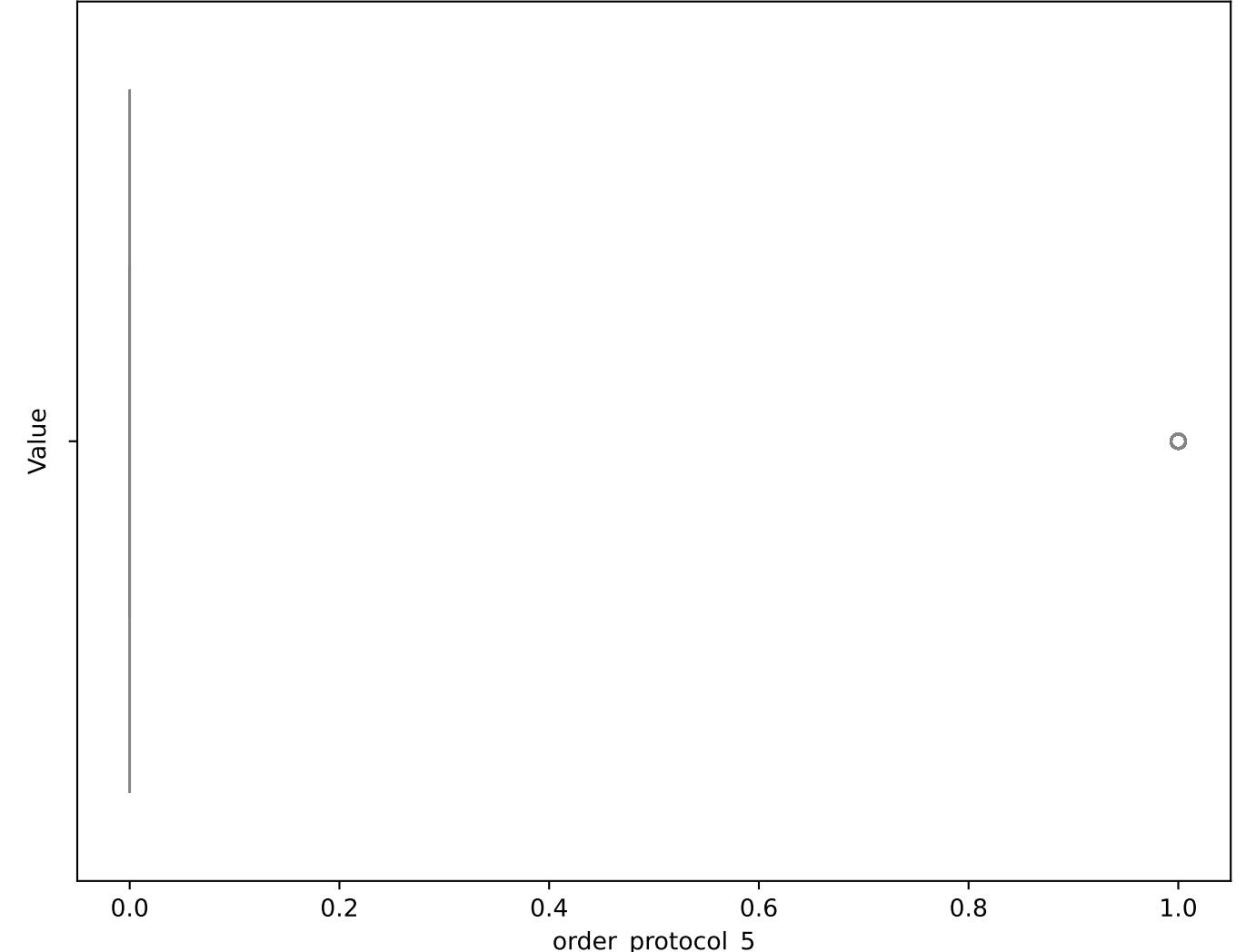
Boxplot of order\_protocol\_4



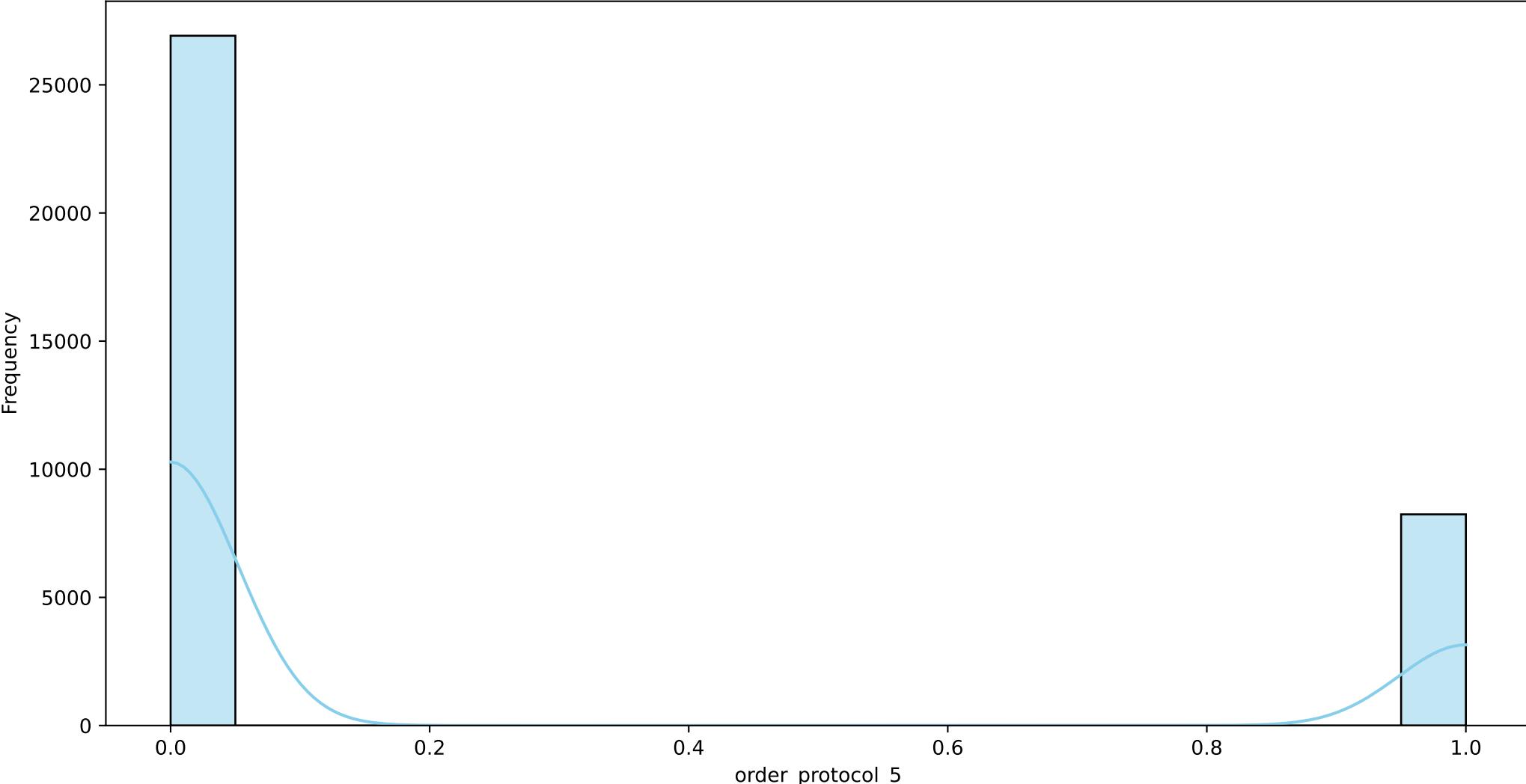
Histogram of order\_protocol\_4



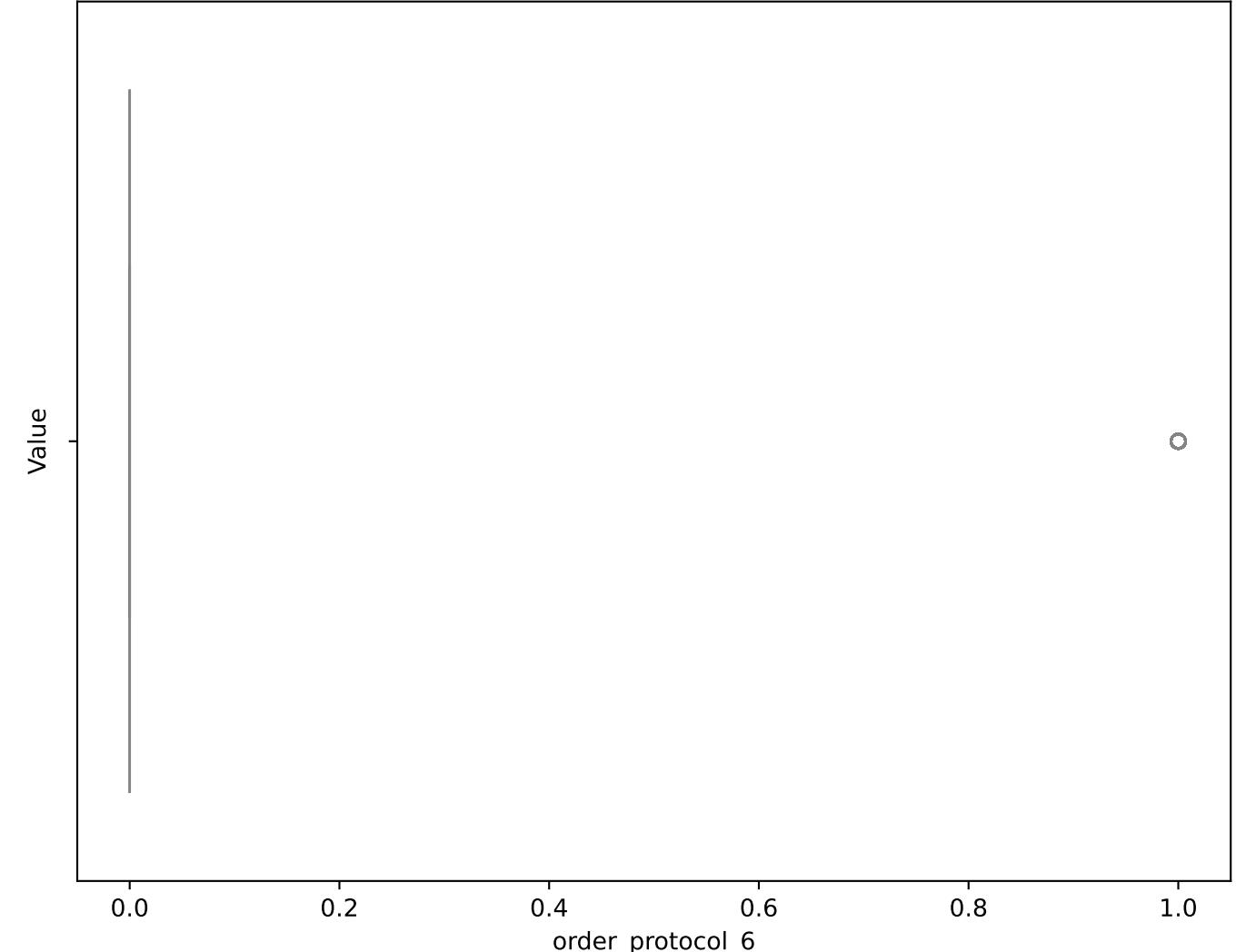
Boxplot of order\_protocol\_5



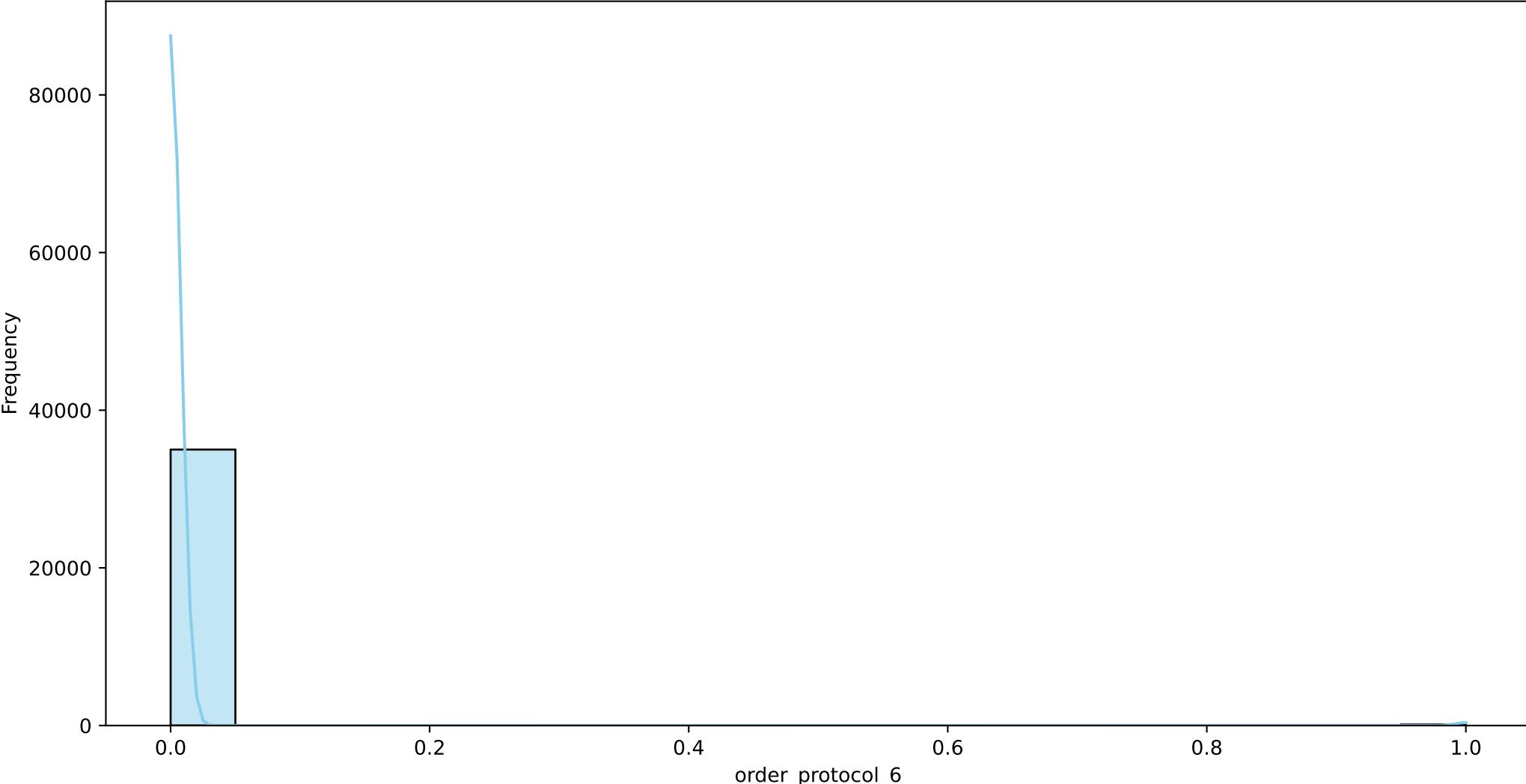
Histogram of order\_protocol\_5



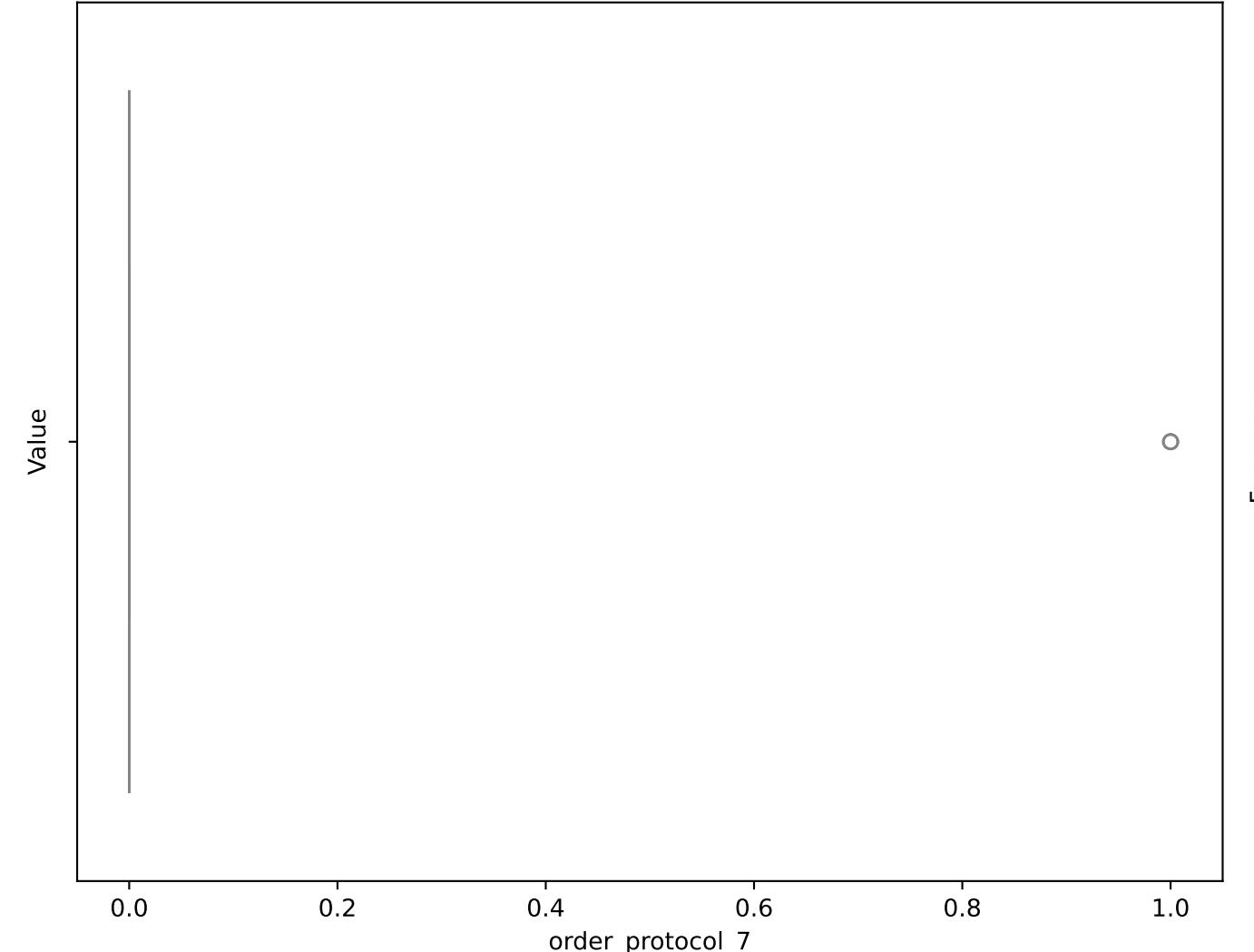
Boxplot of order\_protocol\_6



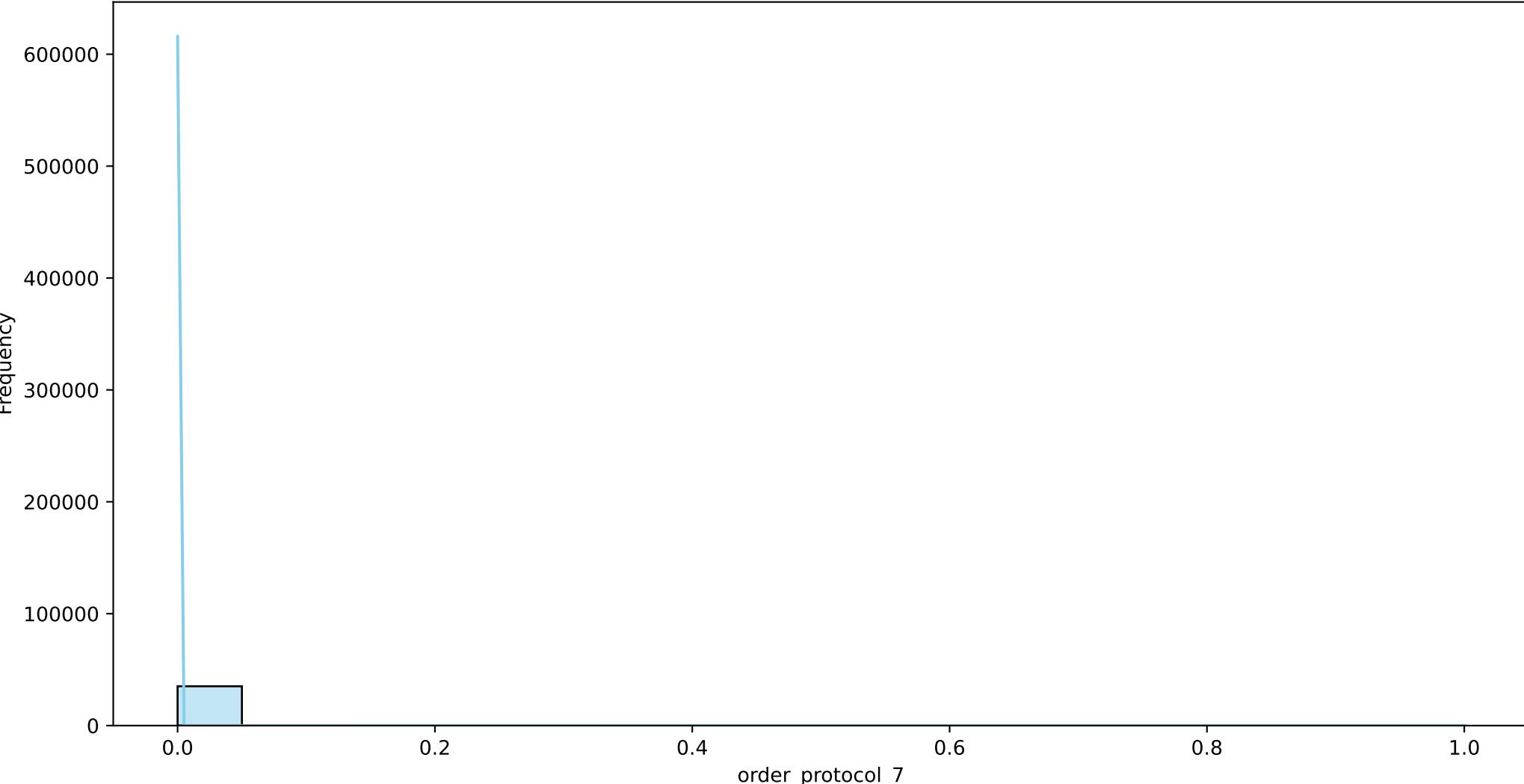
Histogram of order\_protocol\_6



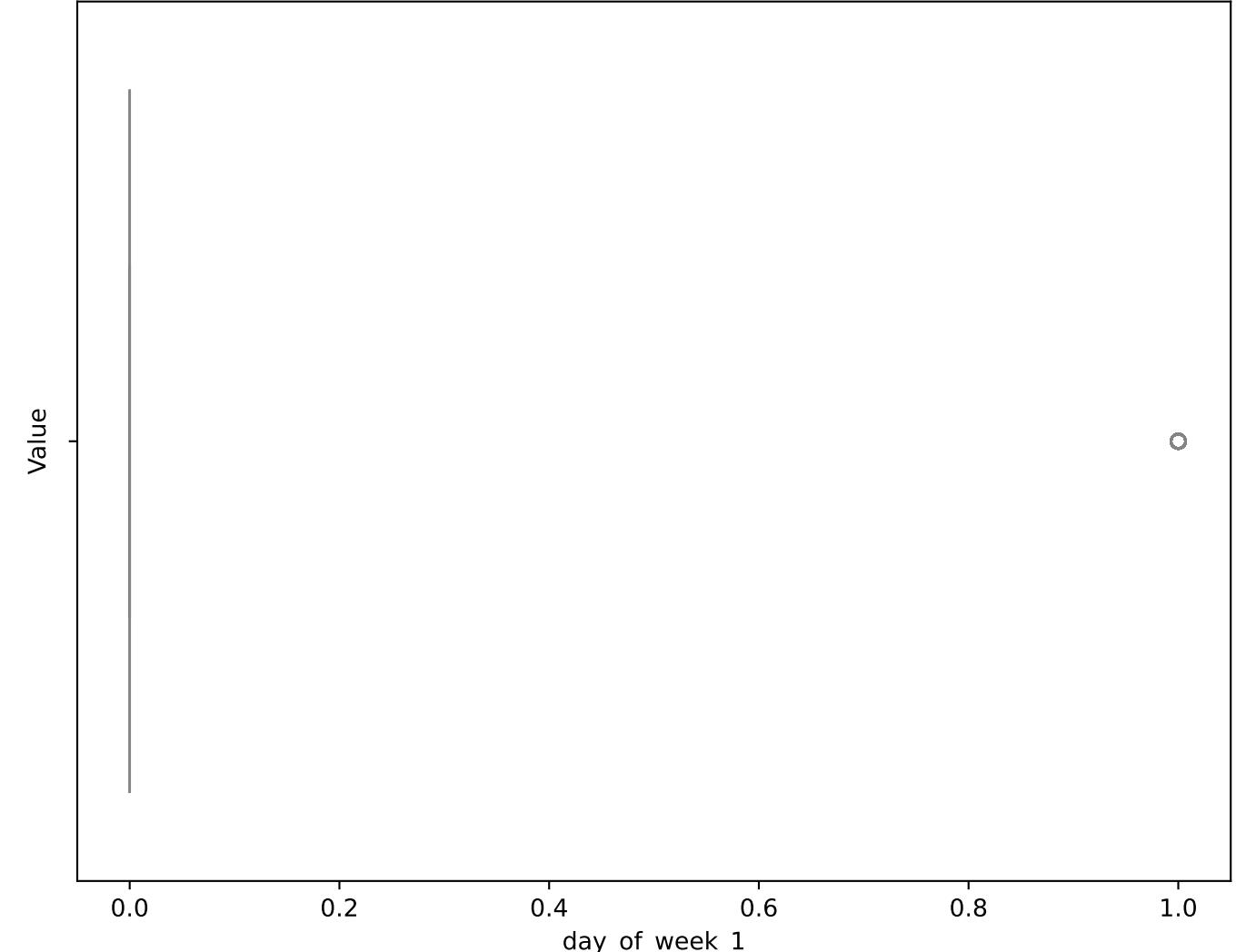
Boxplot of order\_protocol\_7



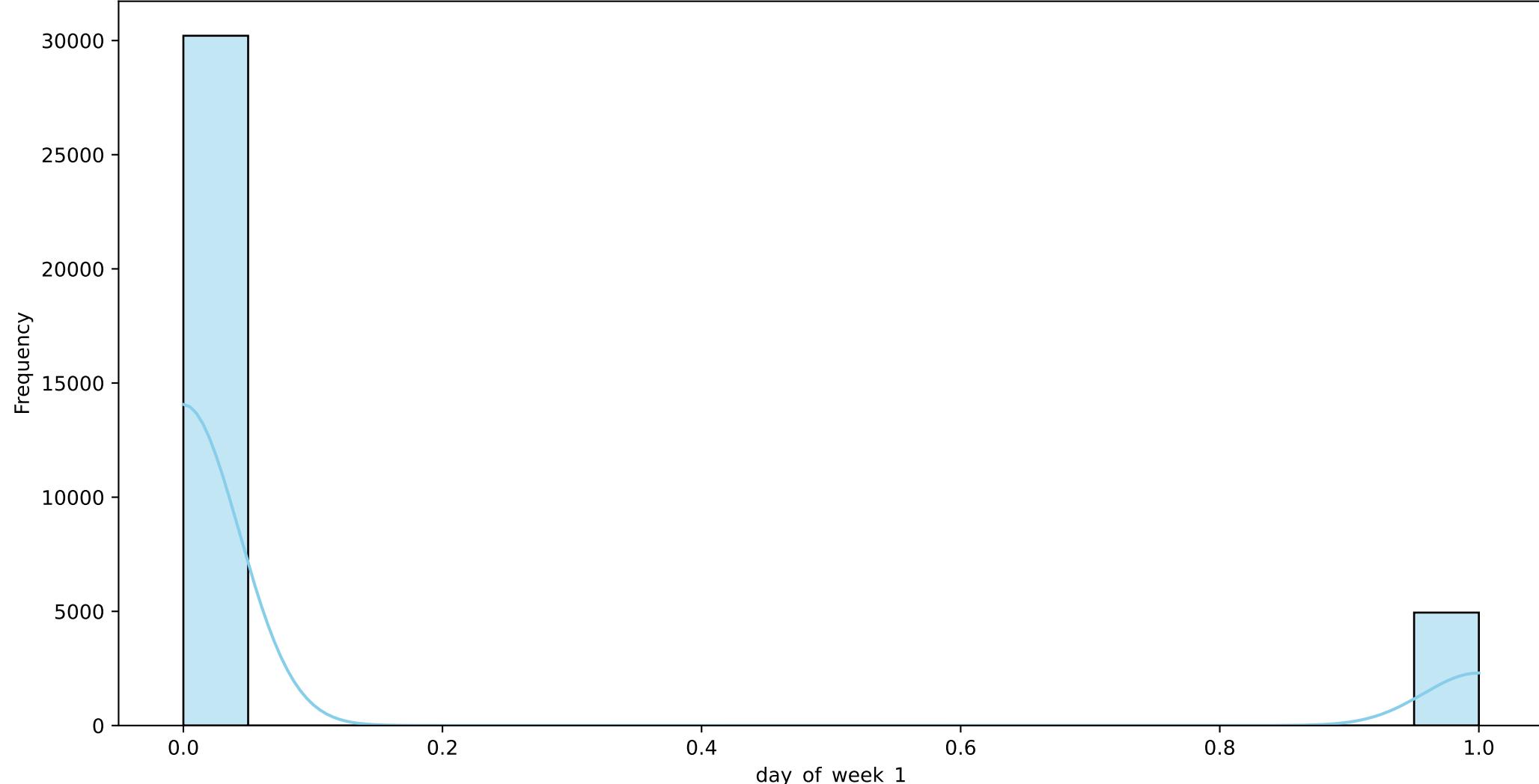
Histogram of order\_protocol\_7



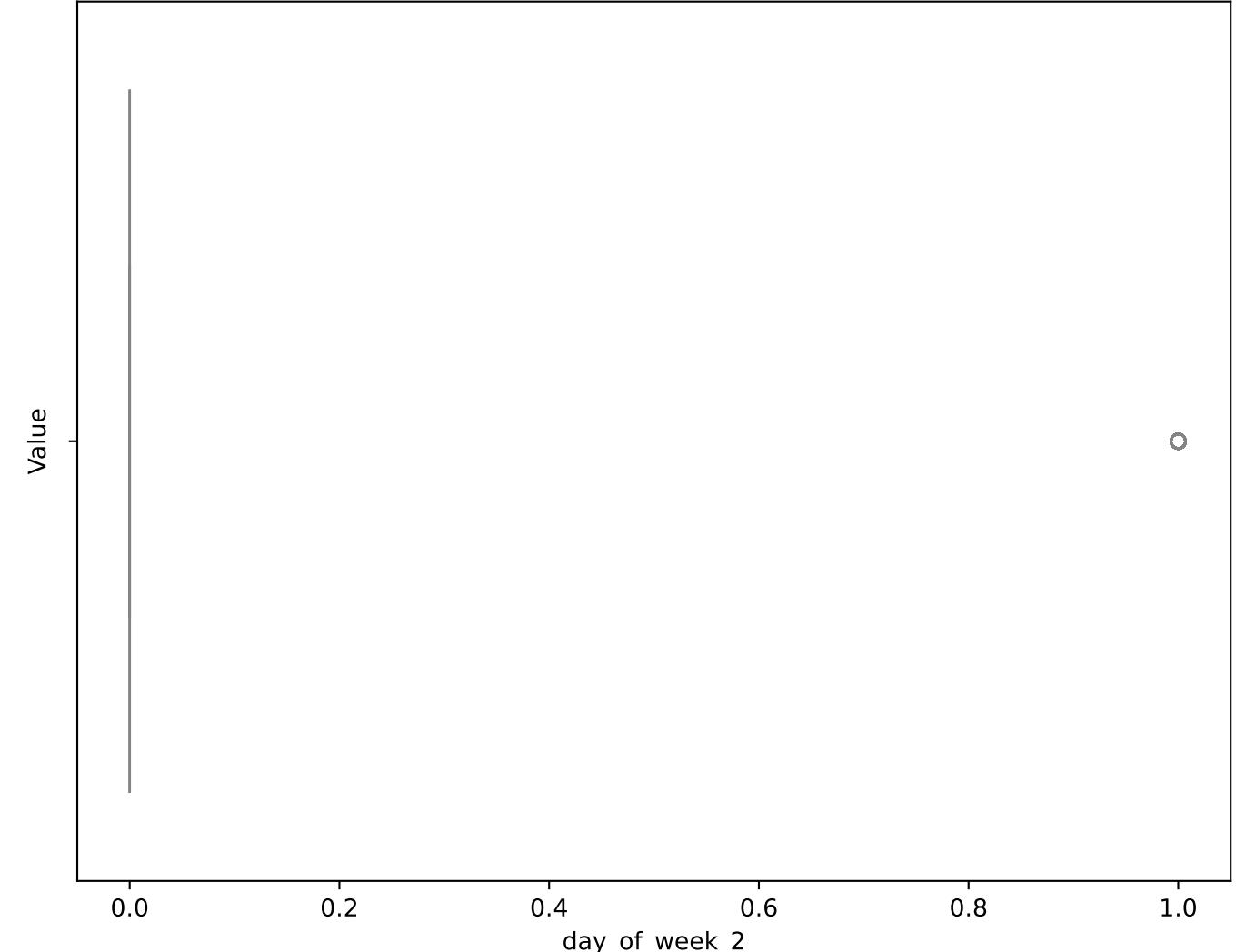
Boxplot of day\_of\_week\_1



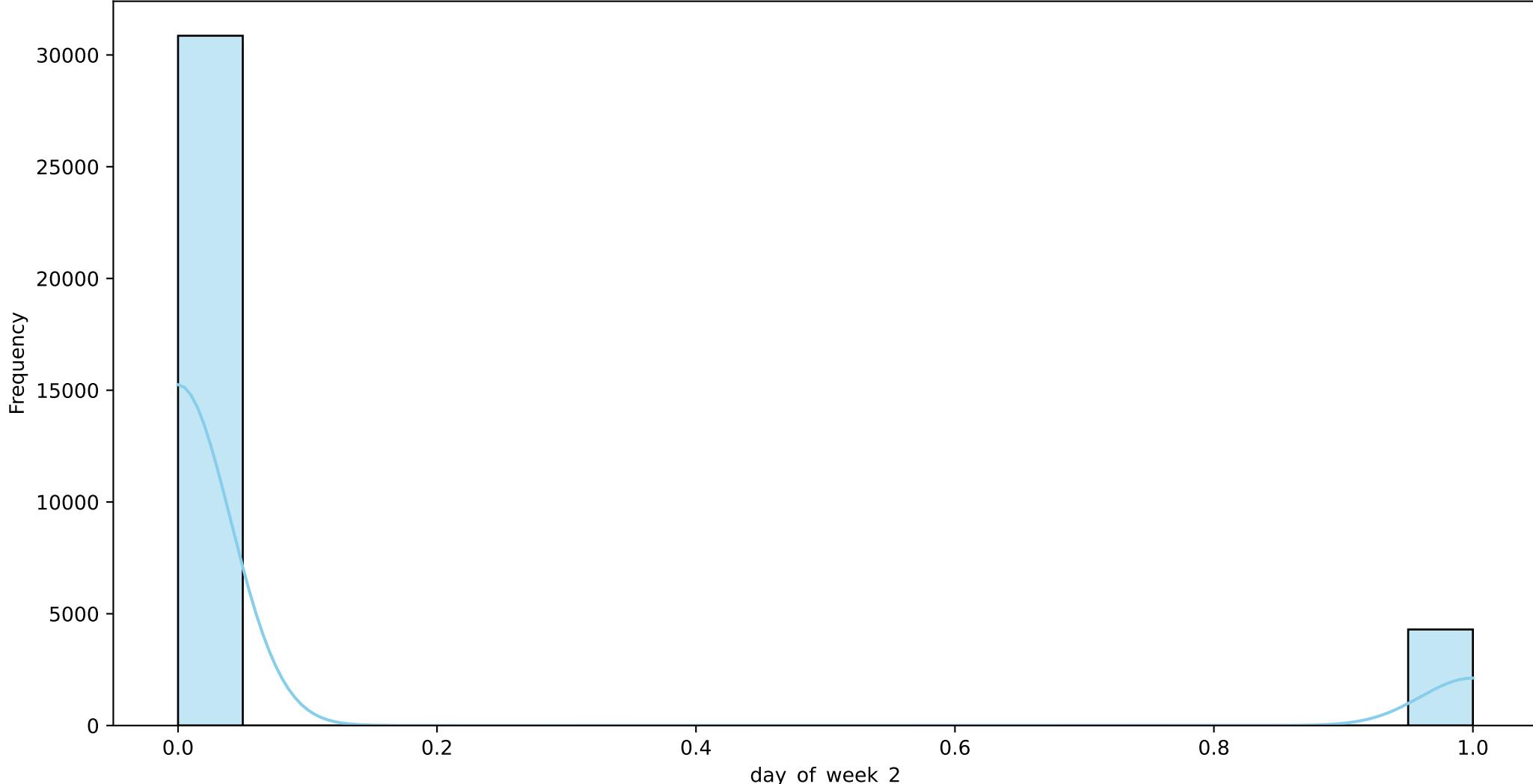
Histogram of day\_of\_week\_1



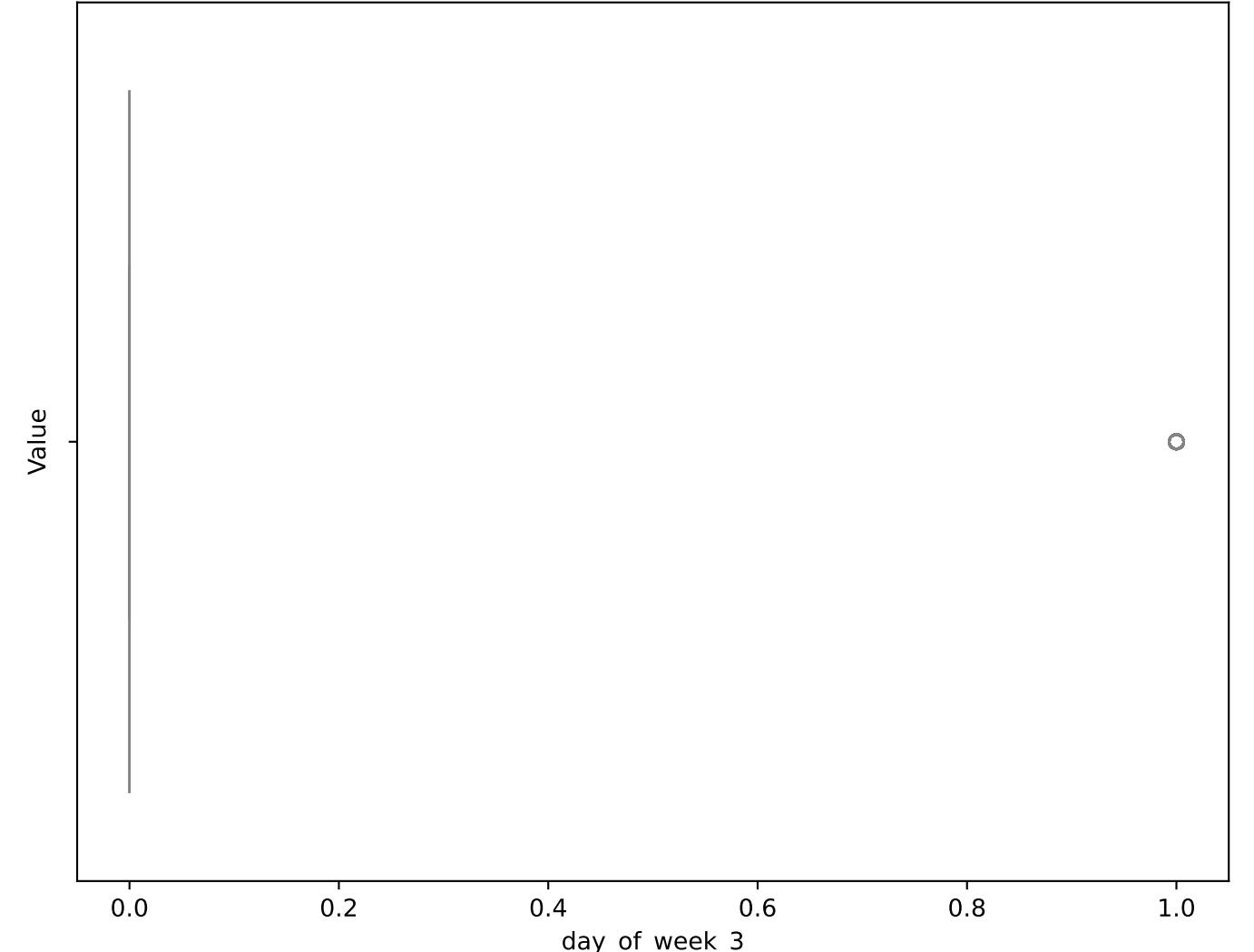
Boxplot of day\_of\_week\_2



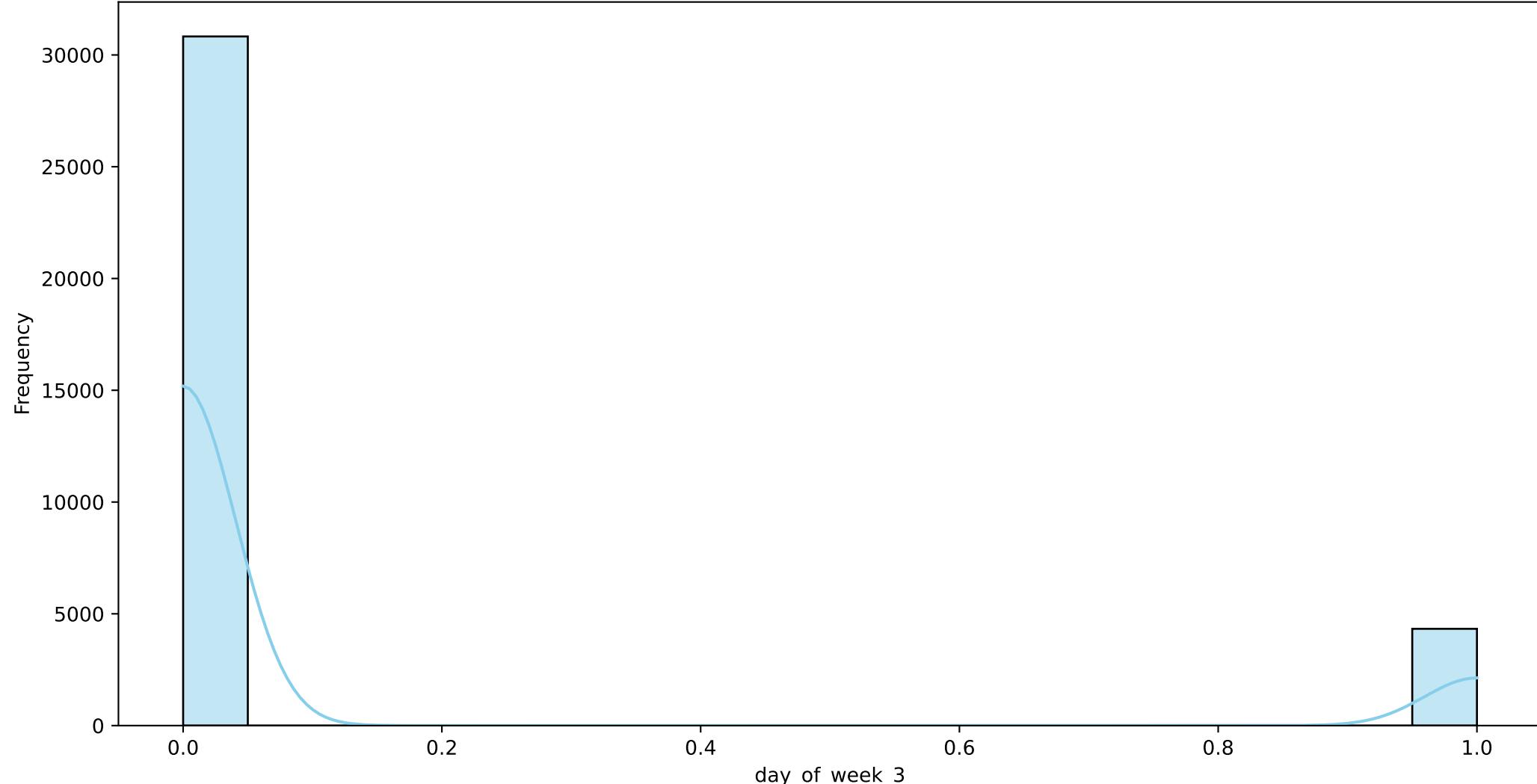
Histogram of day\_of\_week\_2



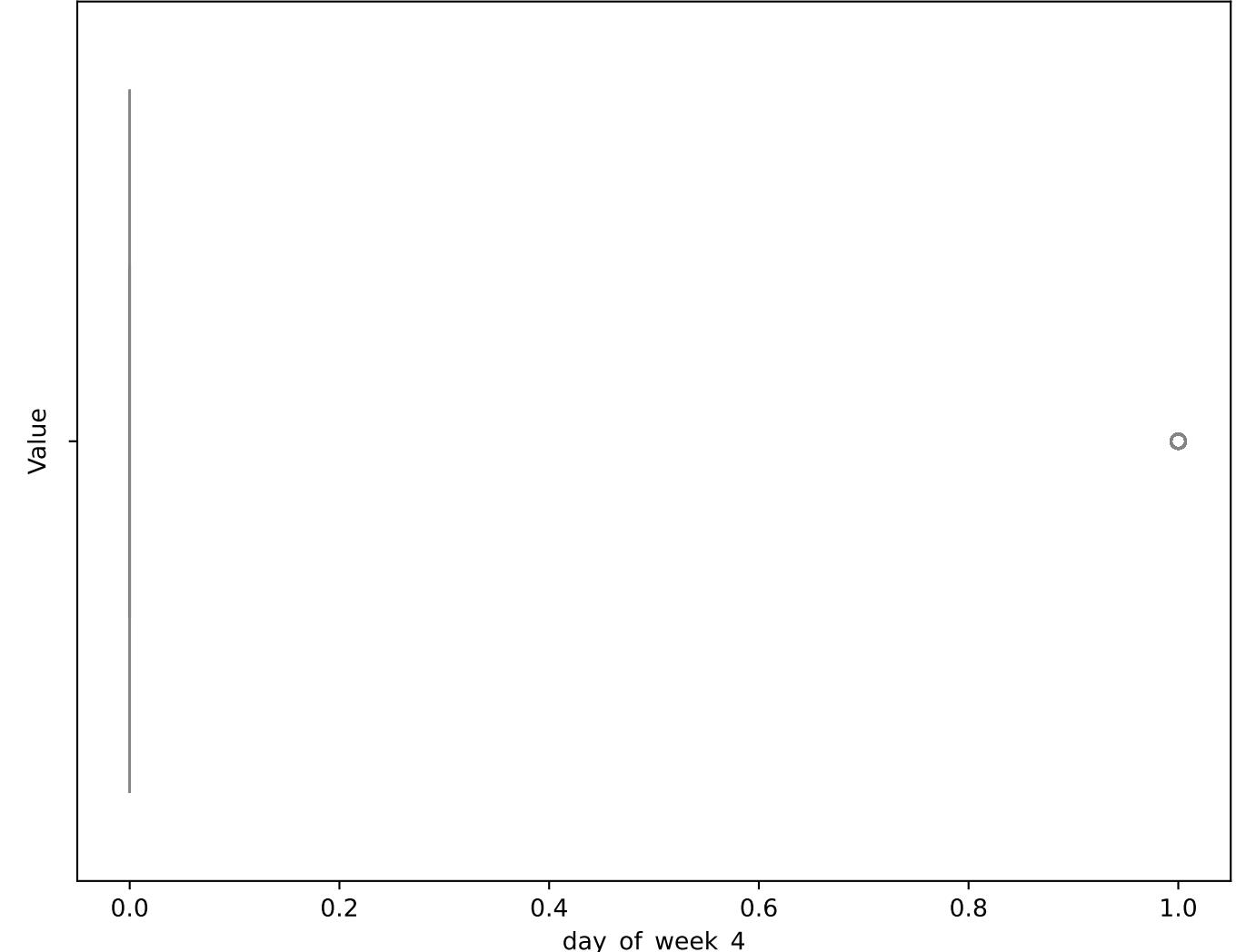
Boxplot of day\_of\_week\_3



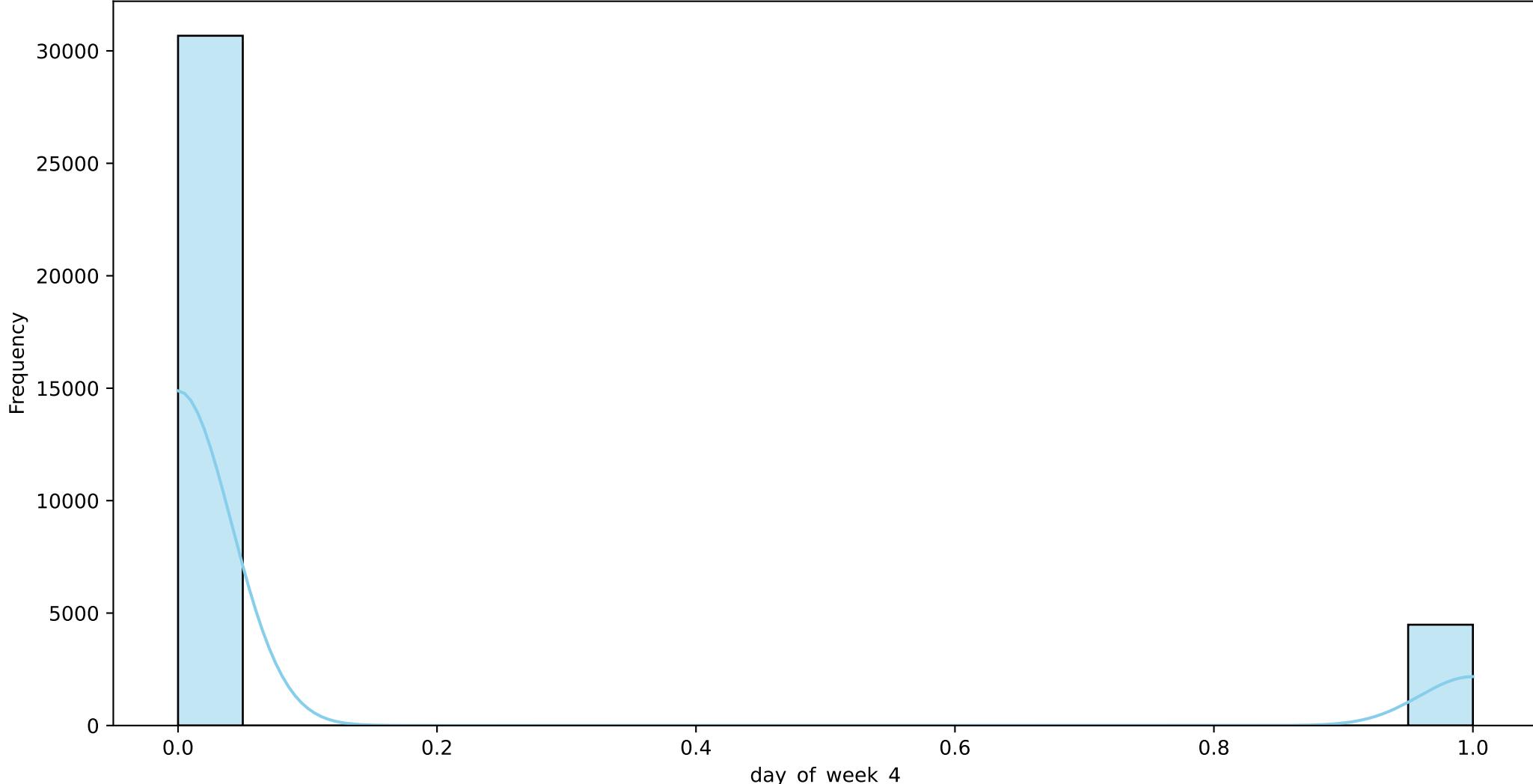
Histogram of day\_of\_week\_3



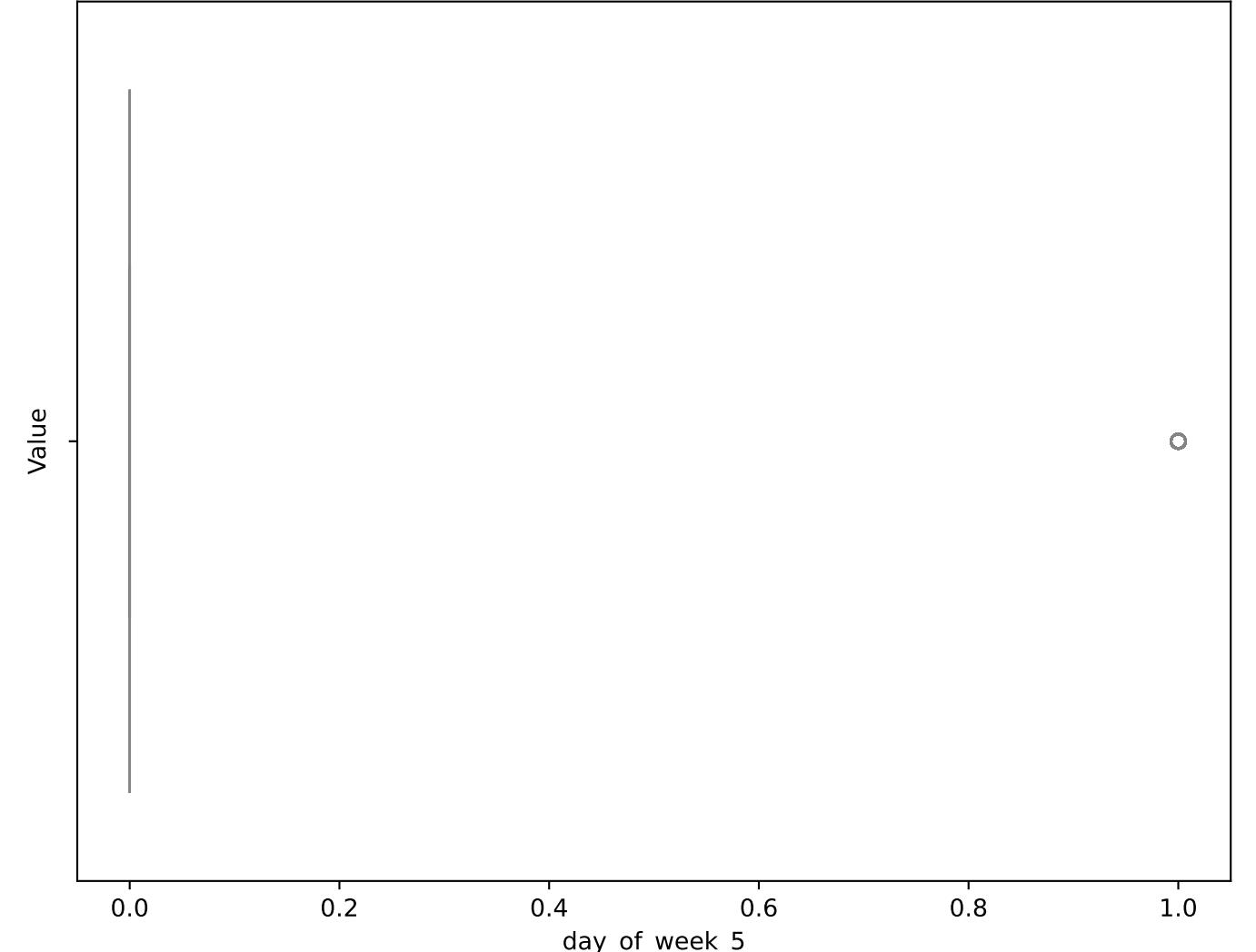
Boxplot of day\_of\_week\_4



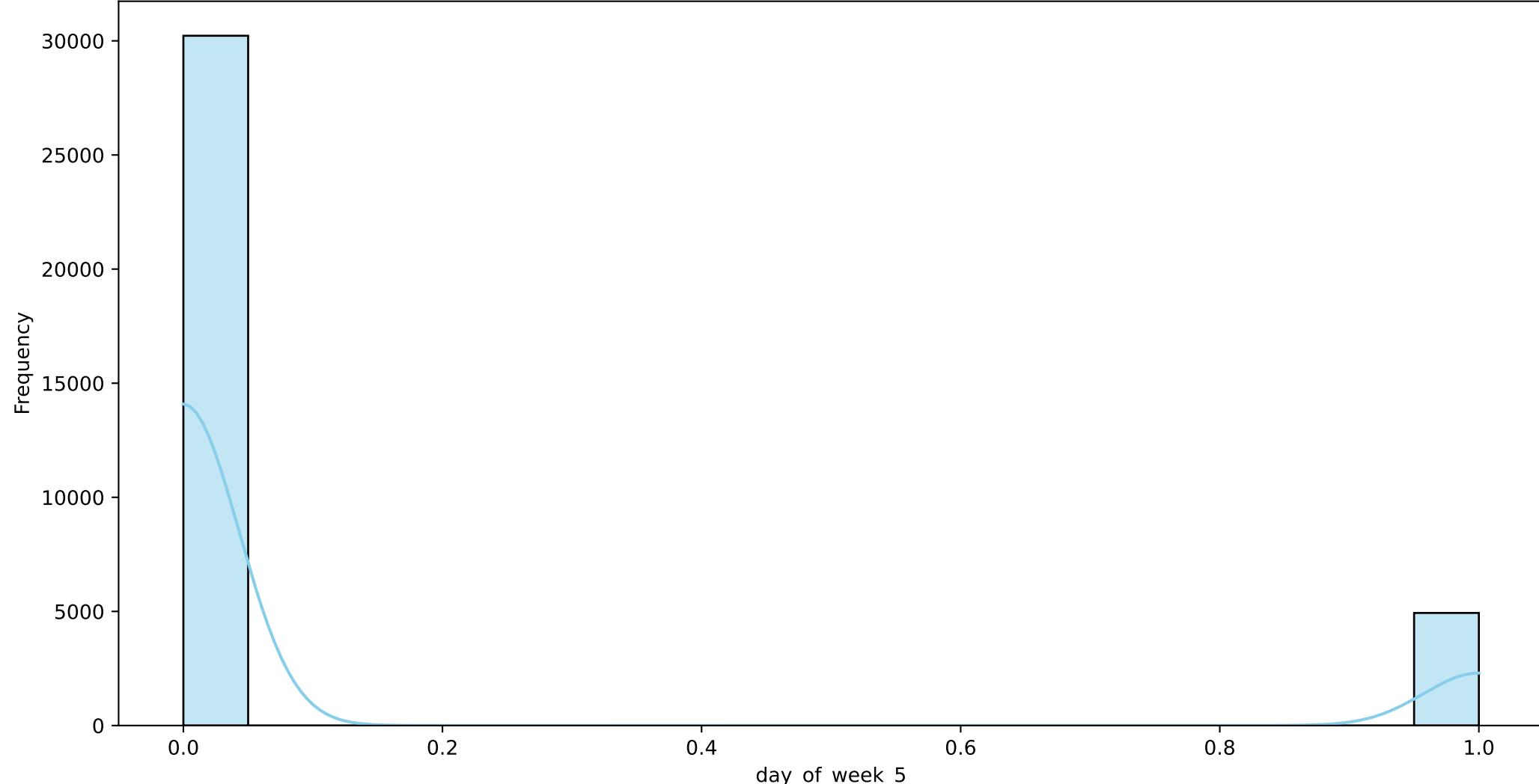
Histogram of day\_of\_week\_4



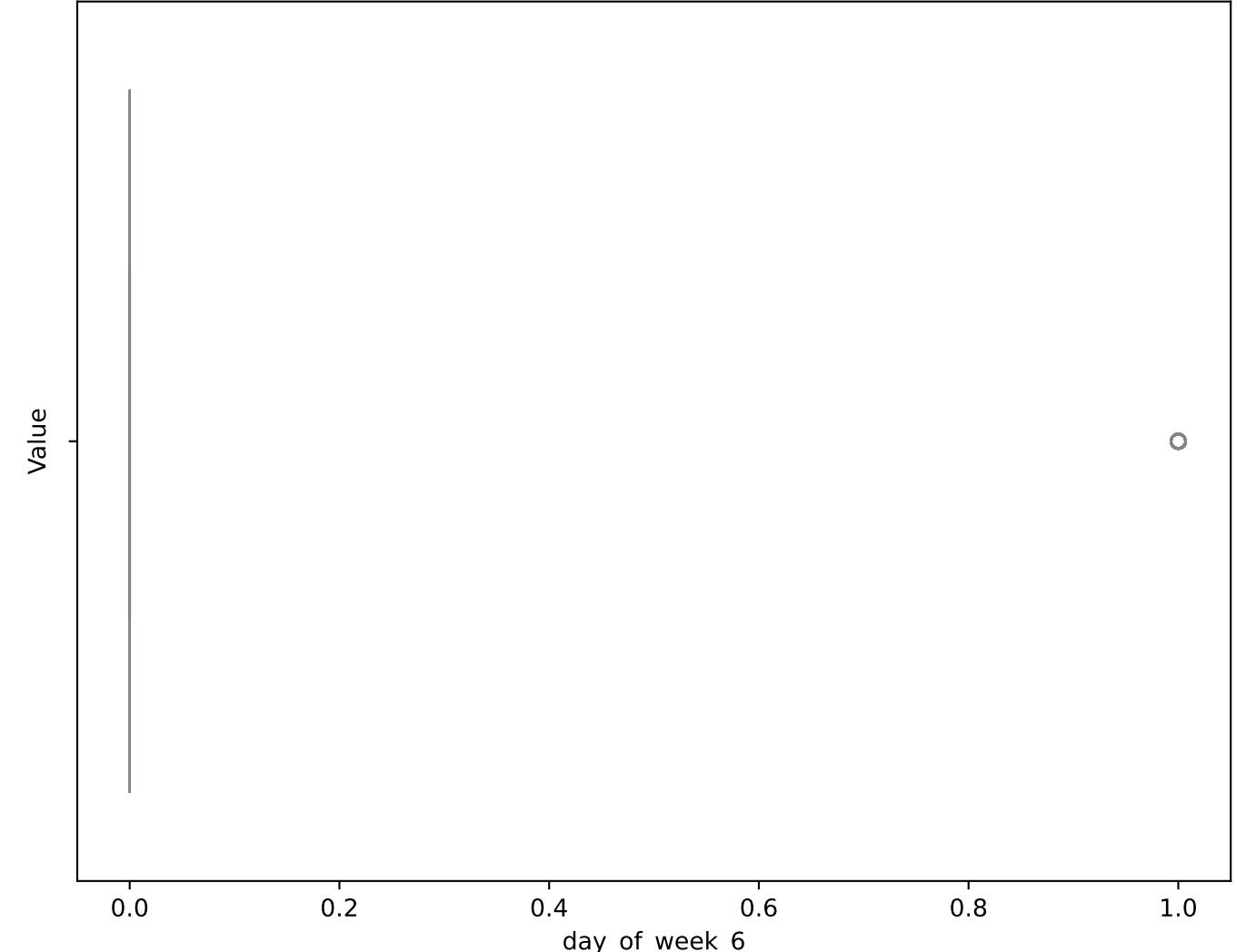
Boxplot of day\_of\_week\_5



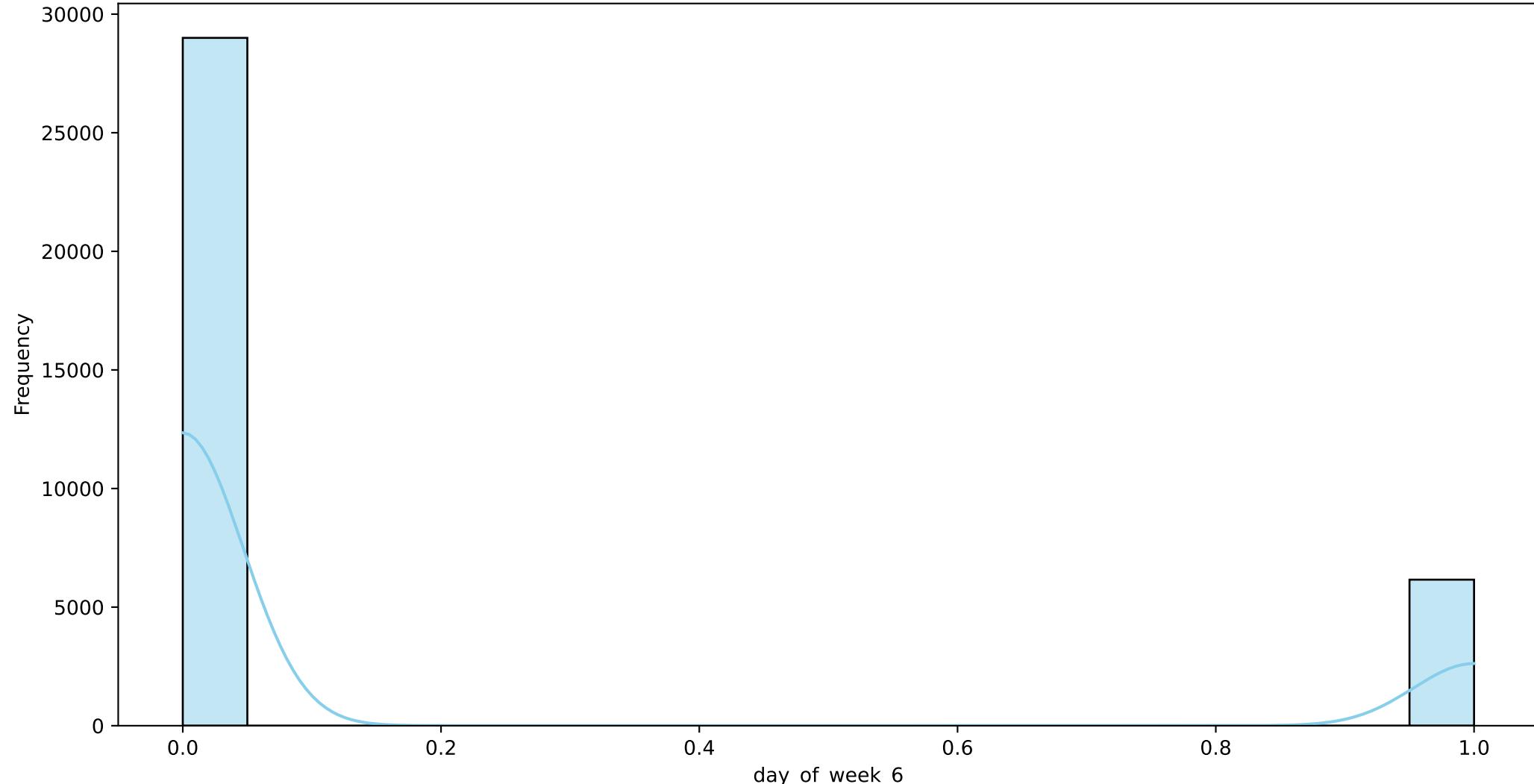
Histogram of day\_of\_week\_5



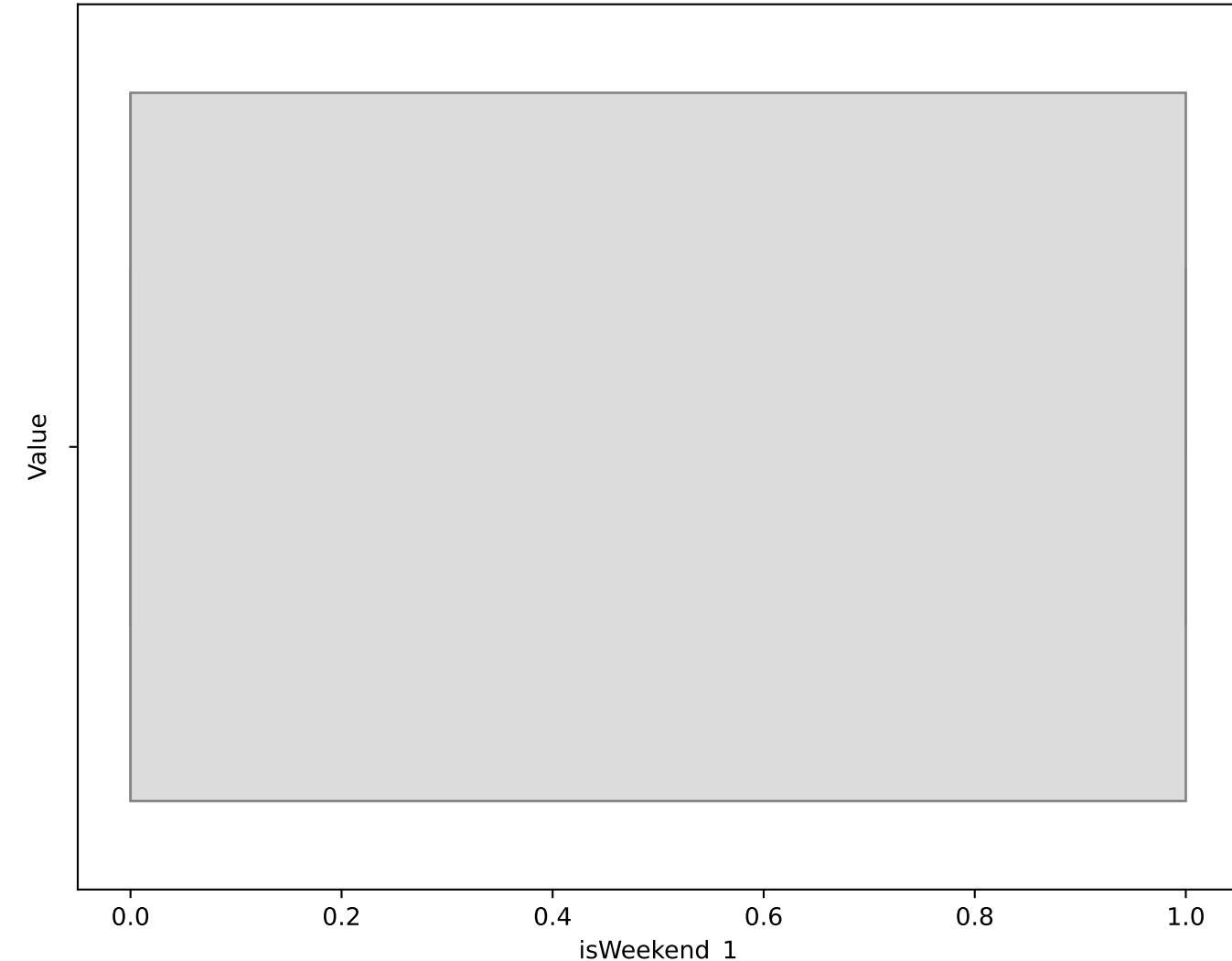
Boxplot of day\_of\_week\_6



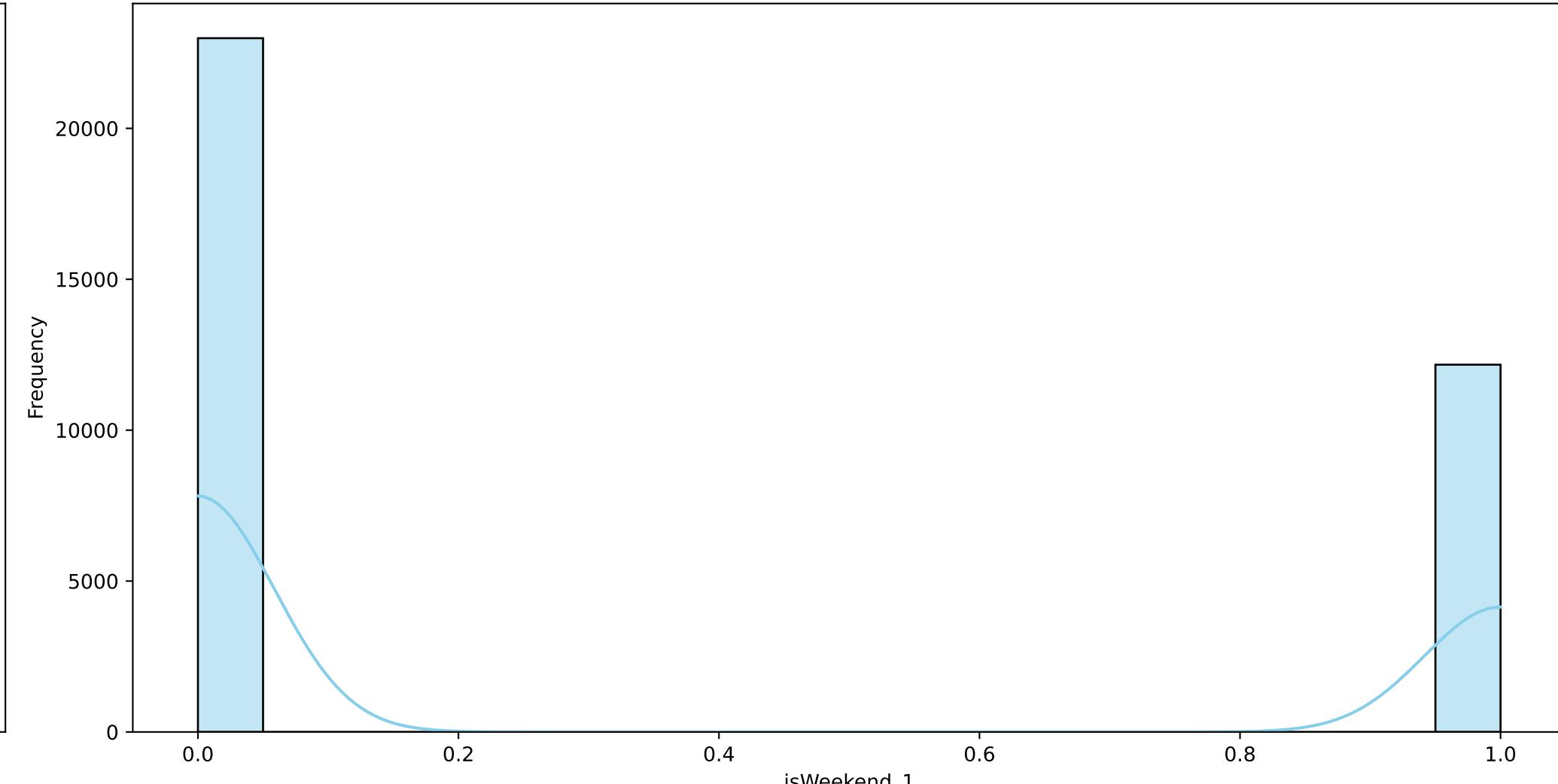
Histogram of day\_of\_week\_6



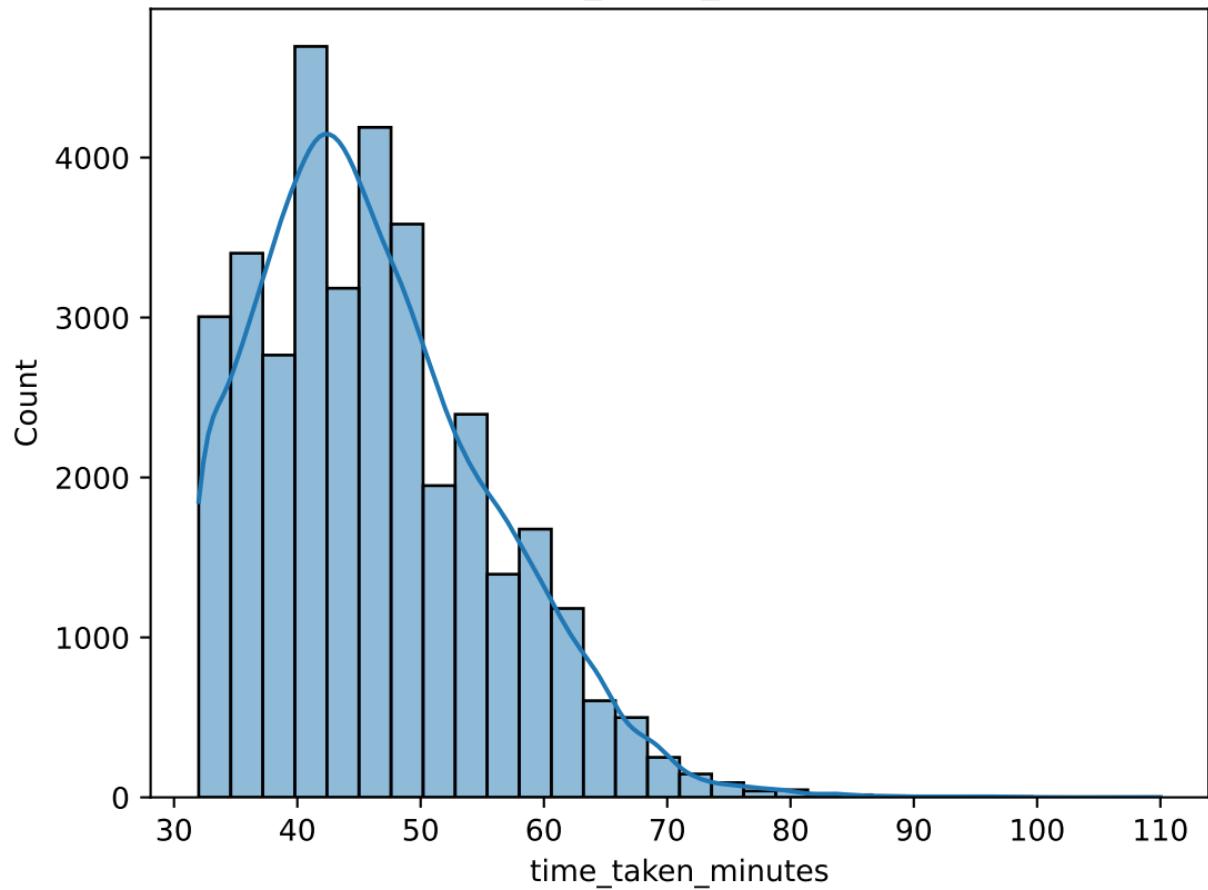
Boxplot of isWeekend\_1



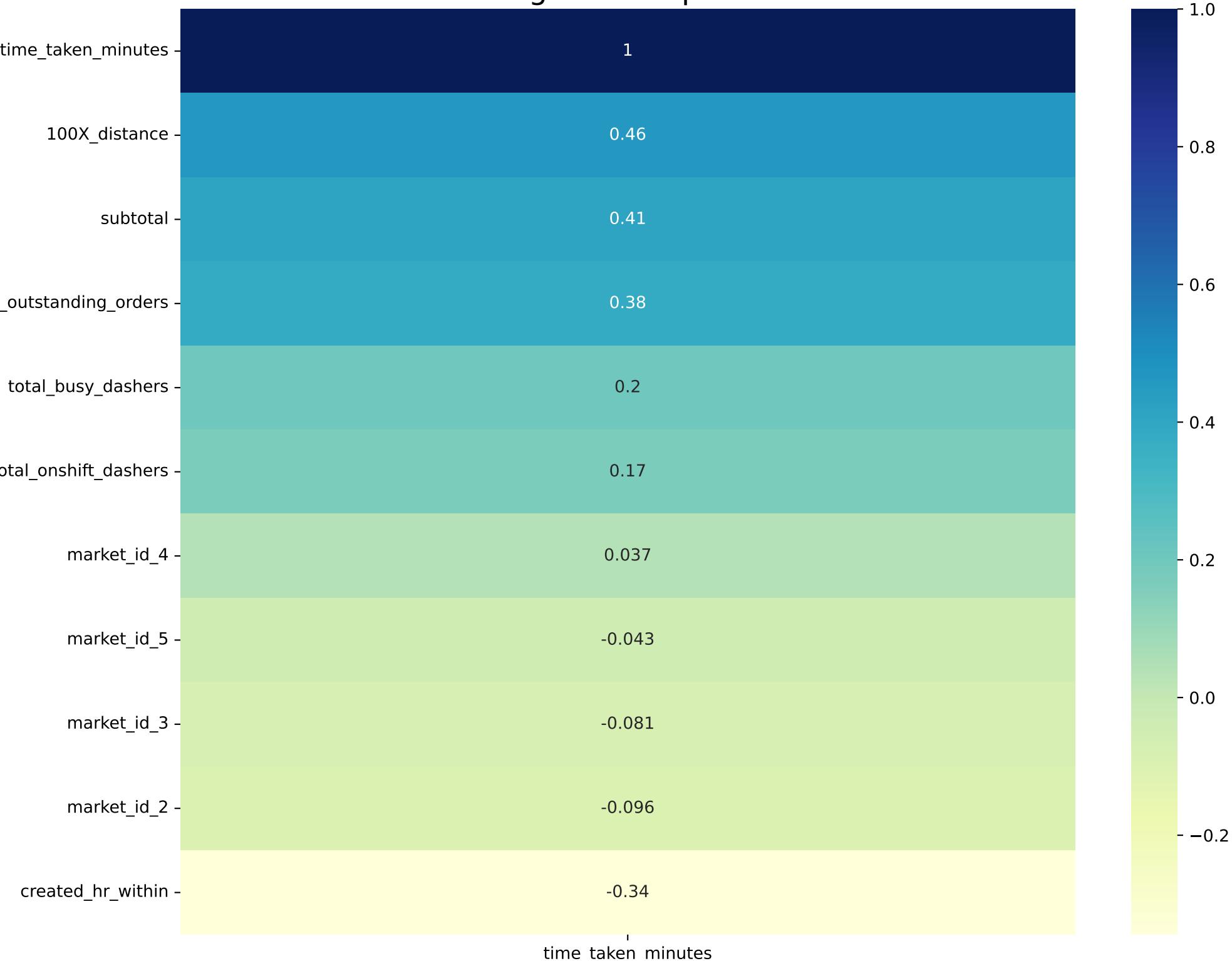
Histogram of isWeekend\_1



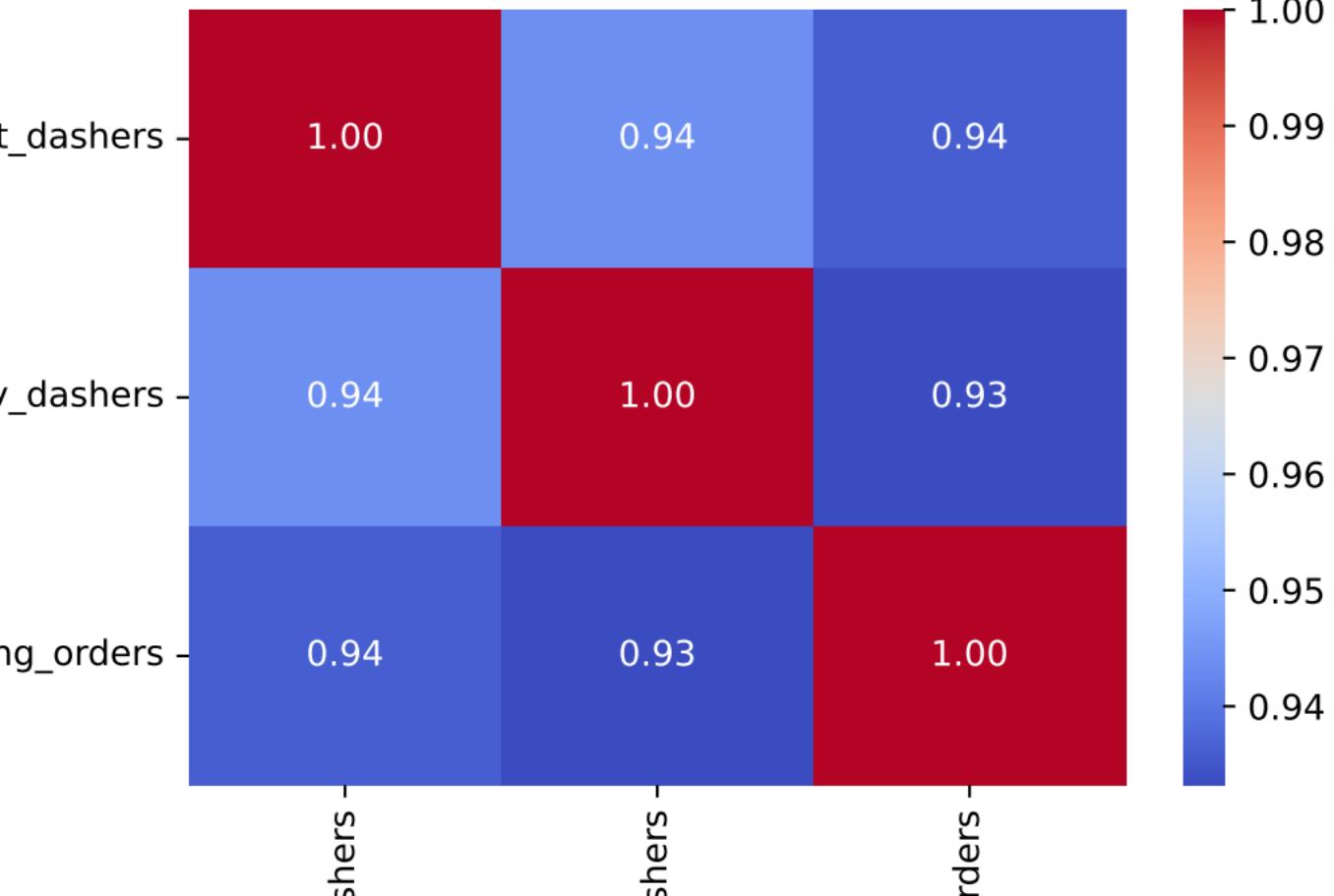
### Histogram of time\_taken\_minutes on Test Data



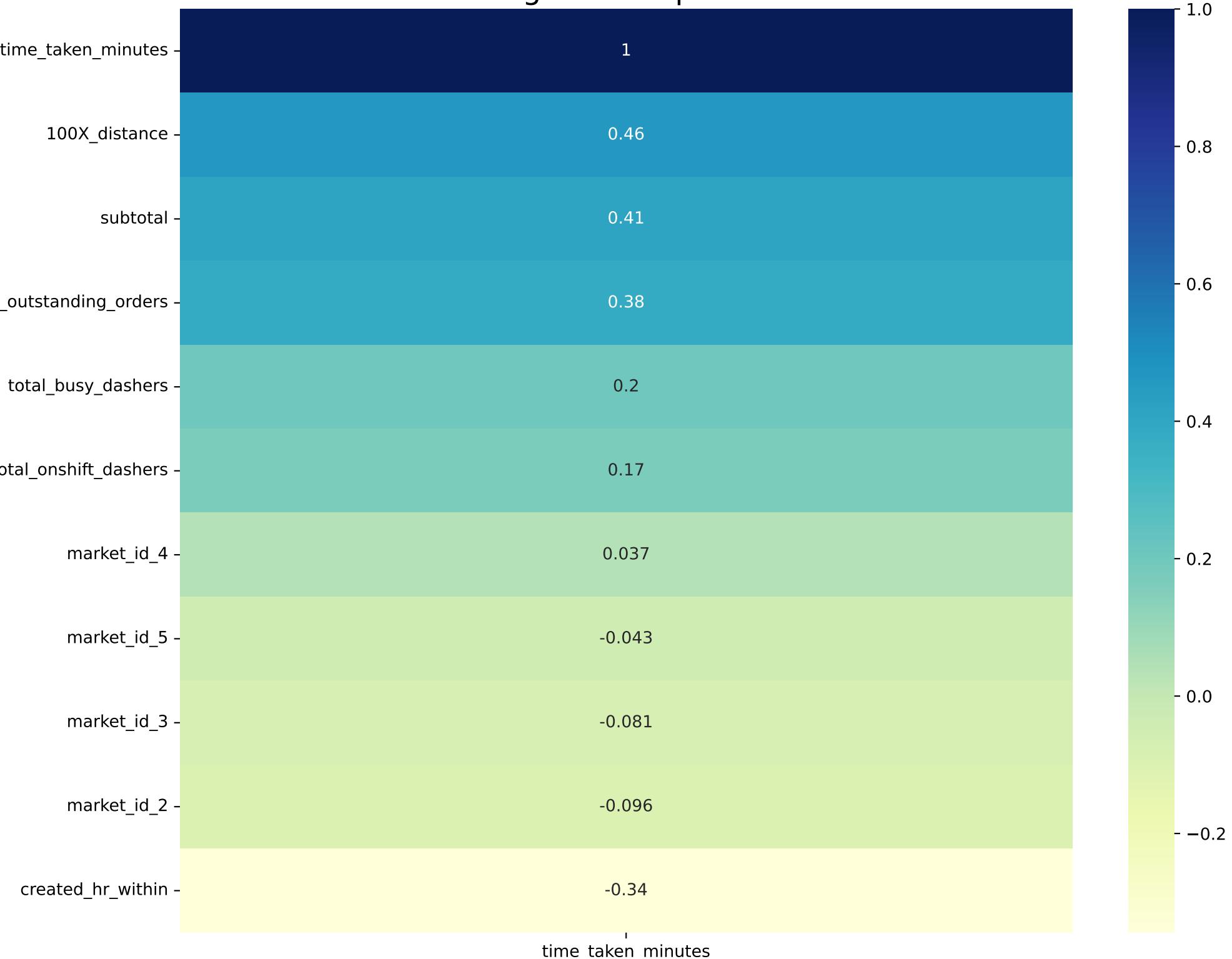
## Correlation between Target and Input Features on Train data



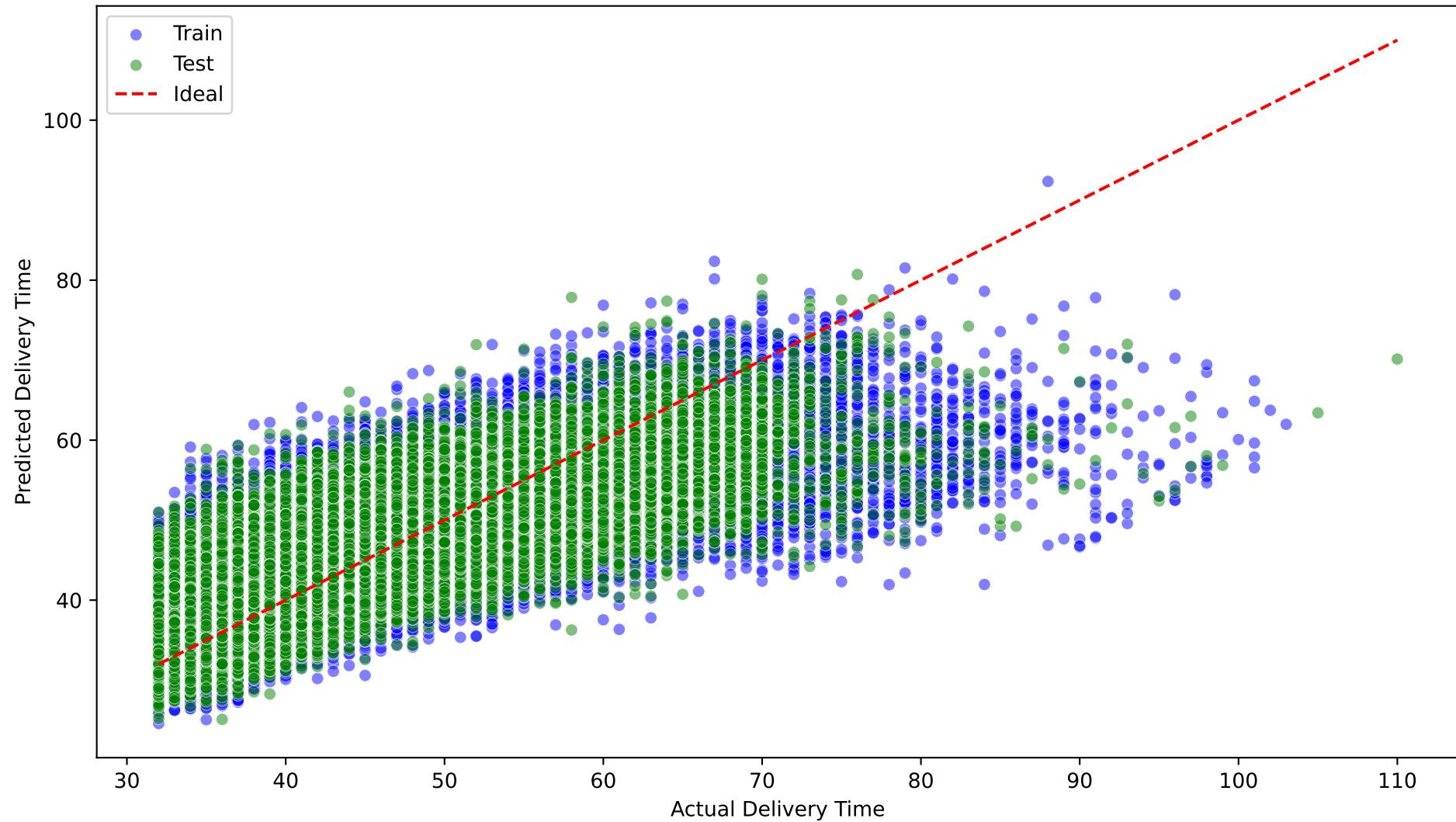
### Correlation Between Selected Features



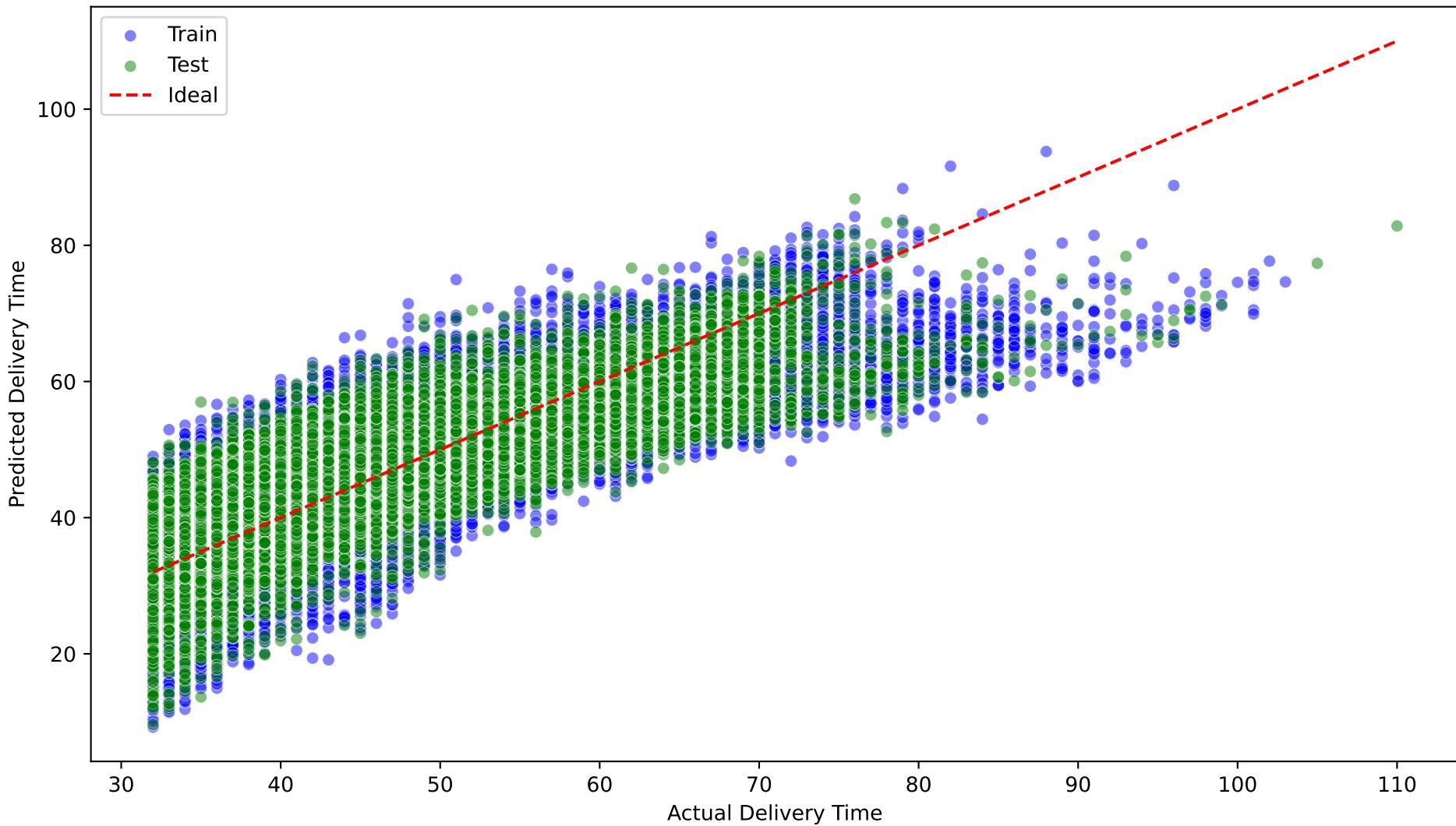
## Correlation between Target and Input Features on Train data



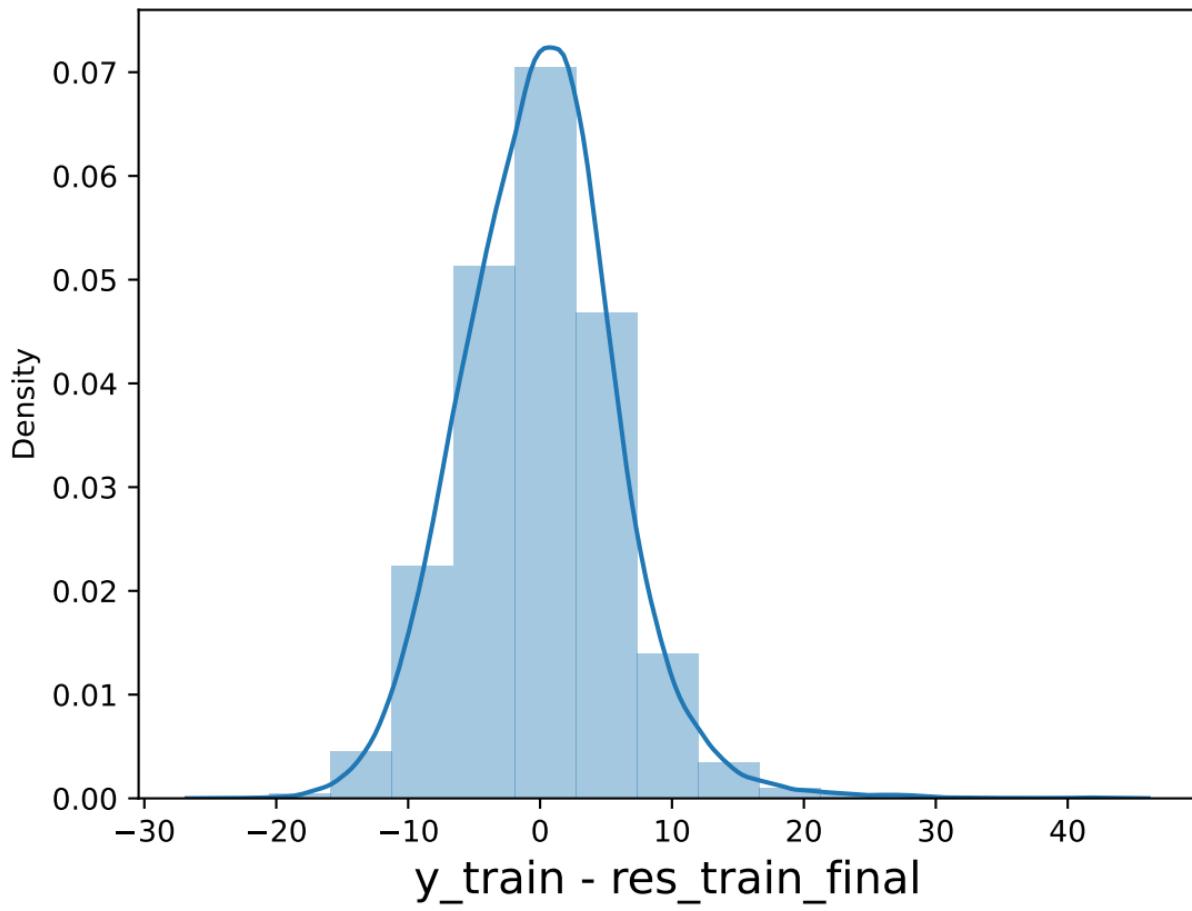
### Model 2 - Actual vs Predicted (Train & Test)



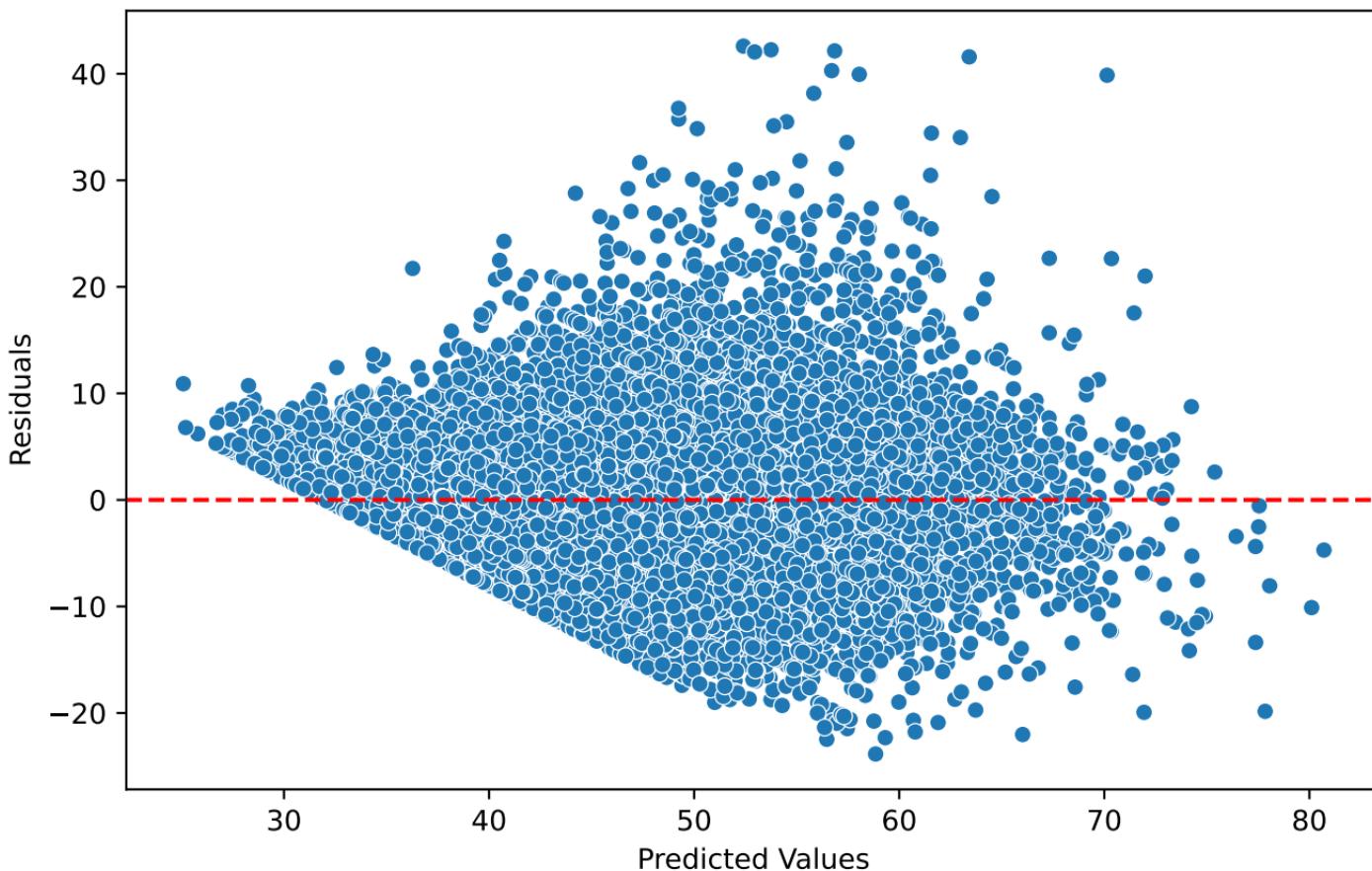
### Model 1 - Actual vs Predicted (Train & Test)



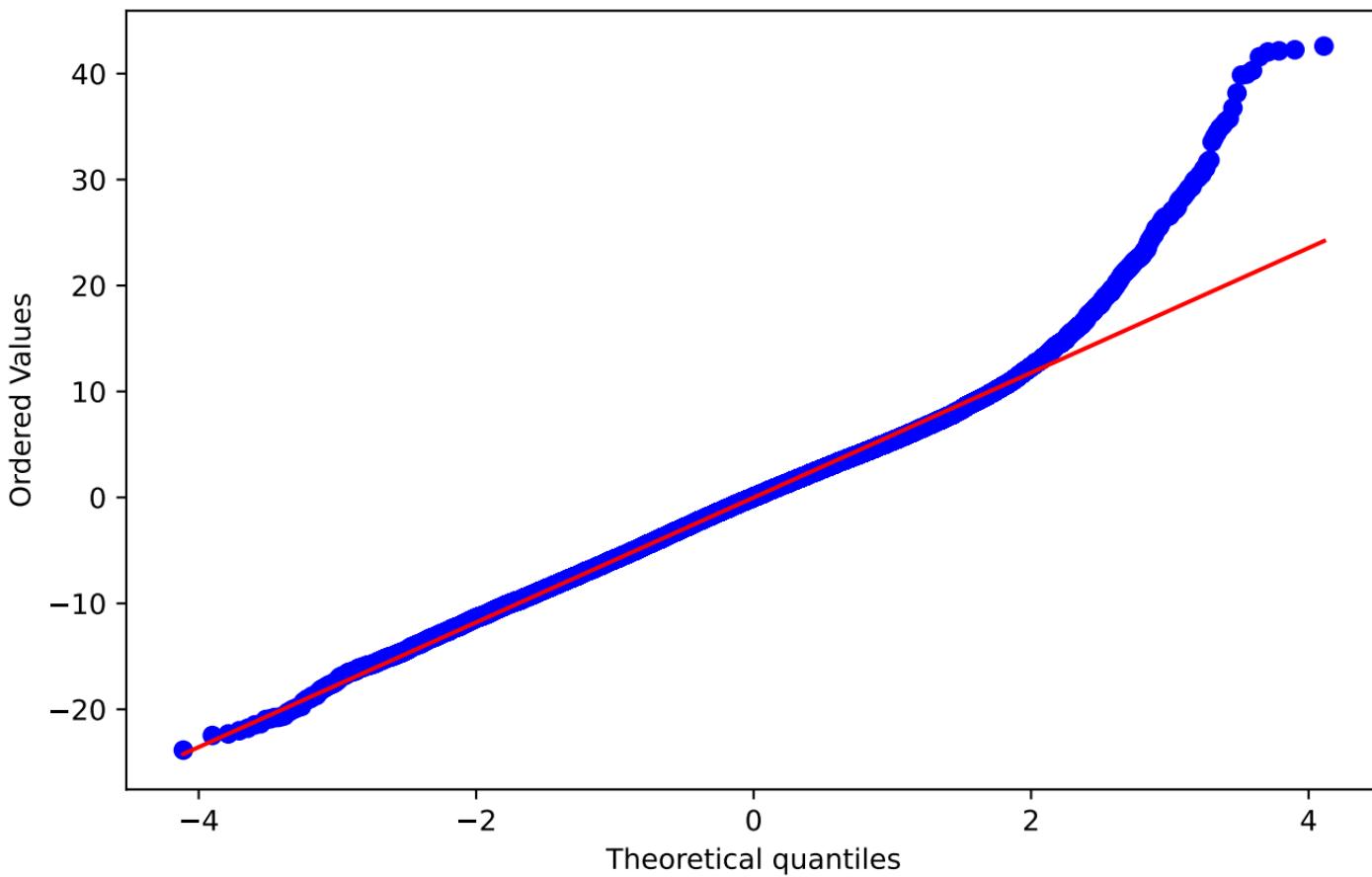
# Error Terms



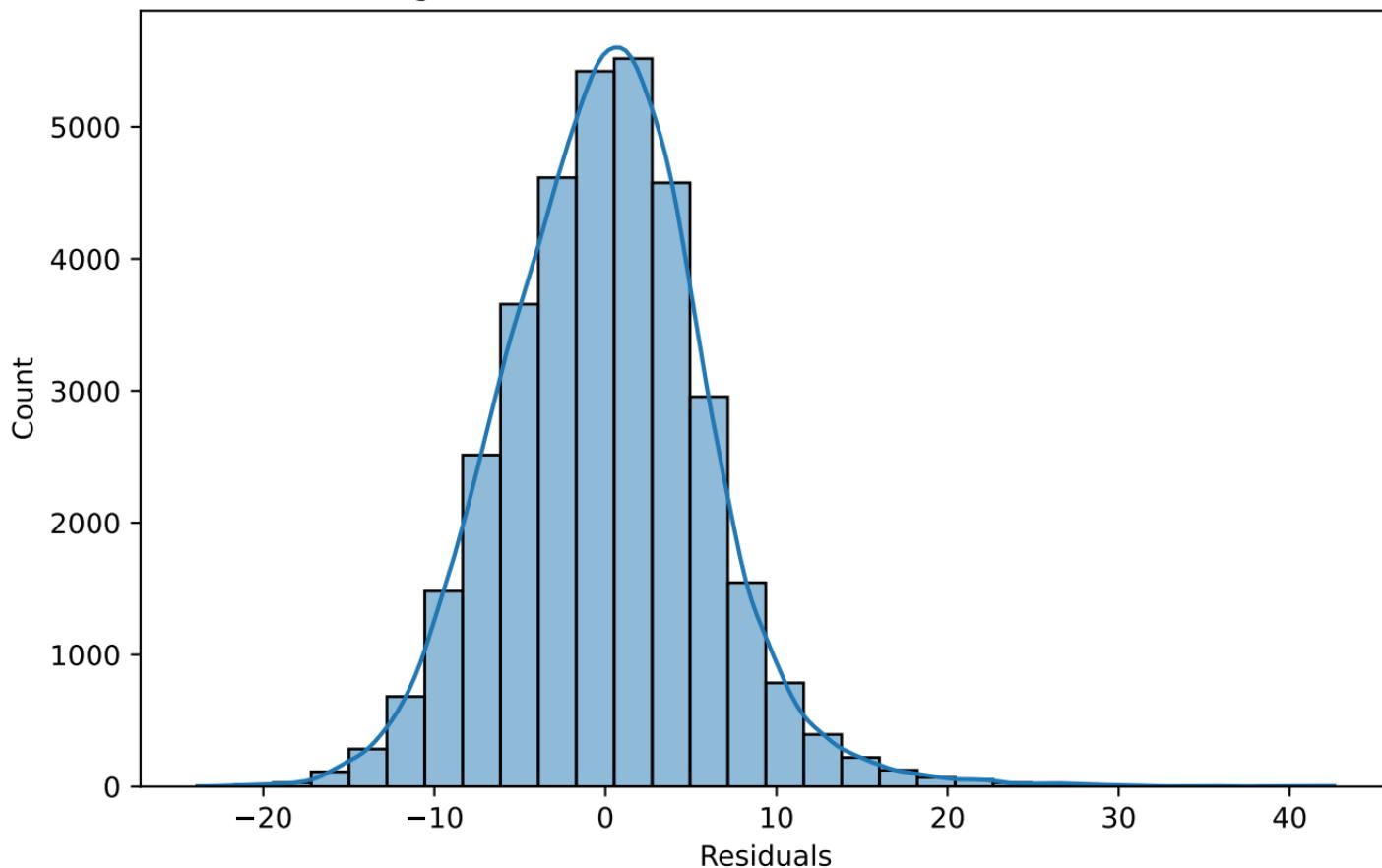
Residuals vs Predicted Values - - On Test Data of Final Model



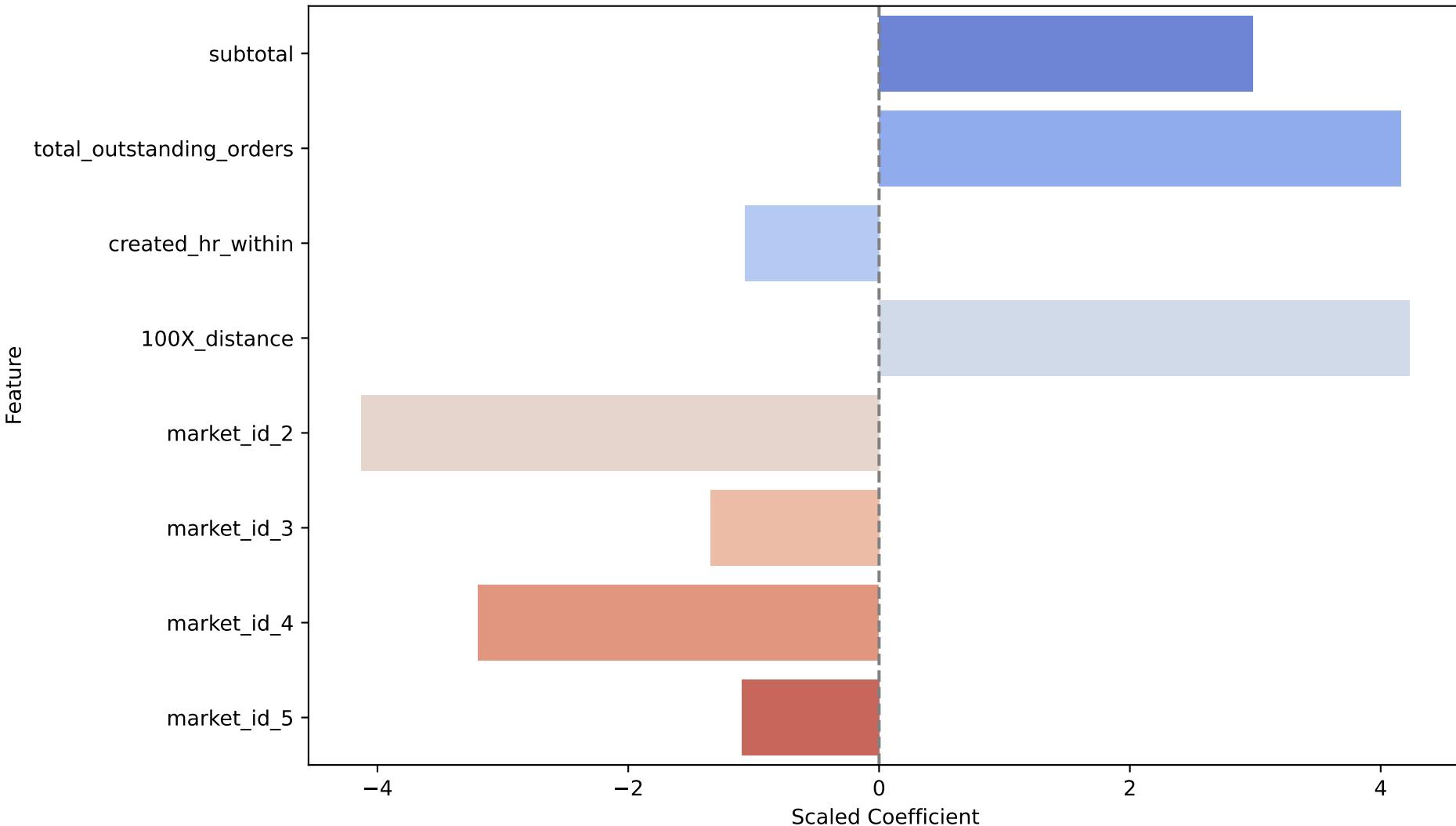
## Q-Q Plot of Residuals - On Test Data of Final Model



### Histogram of Residuals - On Test Data of Final Model



### Impact of Features on Delivery Time (Scaled Coefficients)



### Impact of Unit Change in Features (Unscaled Coefficients)

