9. What is the distribution of actual price generated by Amazon sales in the dataset?
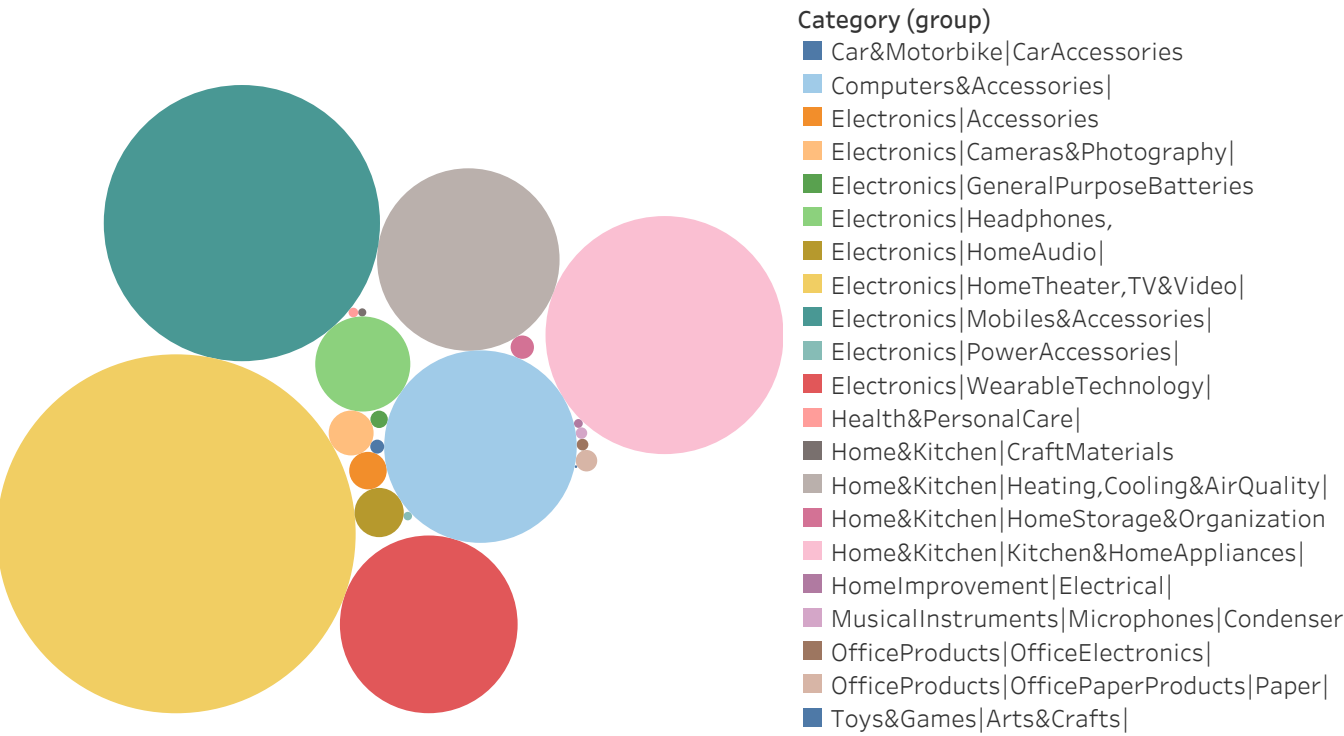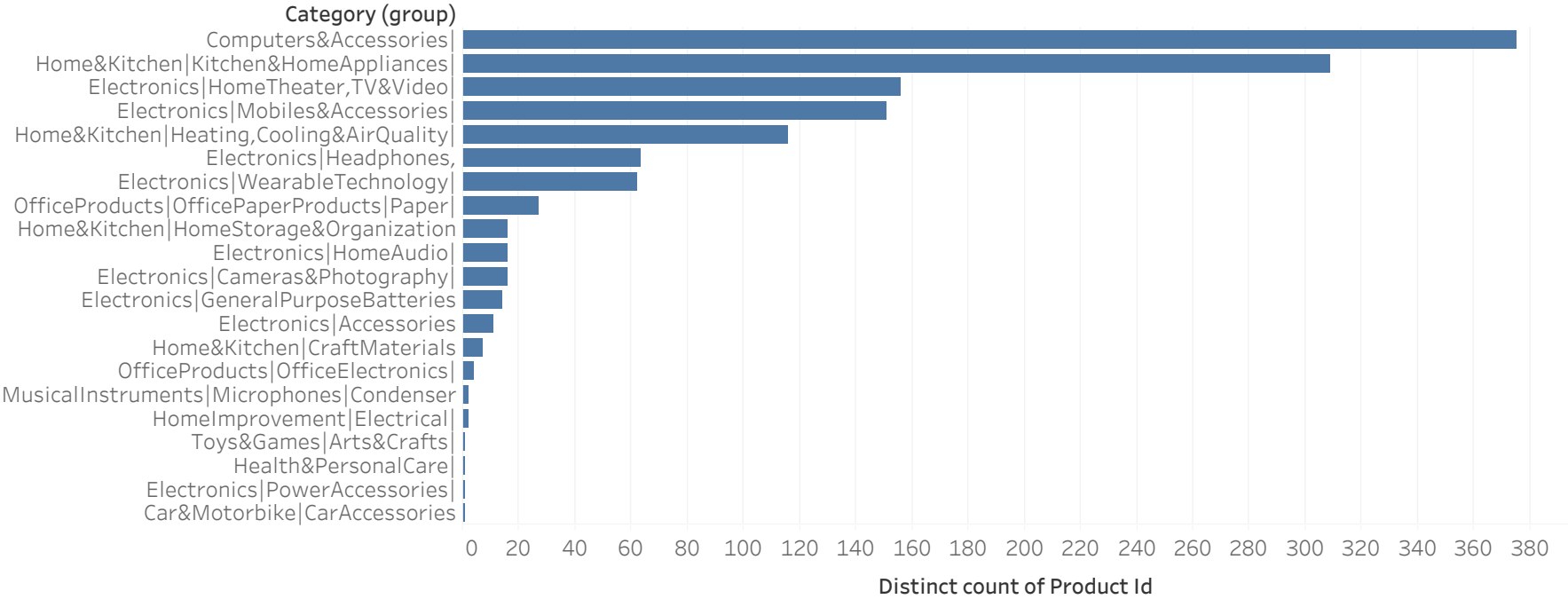

Category (group) (color) and sum of Actual Price (size).

Category (group)
- Car&Motorbike|CarAccessories
- Computers&Accessories|
- Electronics|Accessories
- Electronics|Cameras&Photography|
- Electronics|GeneralPurposeBatteries
- Electronics|Headphones,
- Electronics|HomeAudio|
- Electronics|HomeTheater,TV&Video|
- Electronics|Mobiles&Accessories|
- Electronics|PowerAccessories|
- Electronics|WearableTechnology|
- Health&PersonalCare|
- Home&Kitchen|CraftMaterials
- Home&Kitchen|Heating,Cooling&AirQuality|
- Home&Kitchen|HomeStorage&Organization
- Home&Kitchen|Kitchen&HomeAppliances|
- HomeImprovement|Electrical|
- MusicalInstruments|Microphones|Condenser
- OfficeProducts|OfficeElectronics|
- OfficeProducts|OfficePaperProducts|Paper|
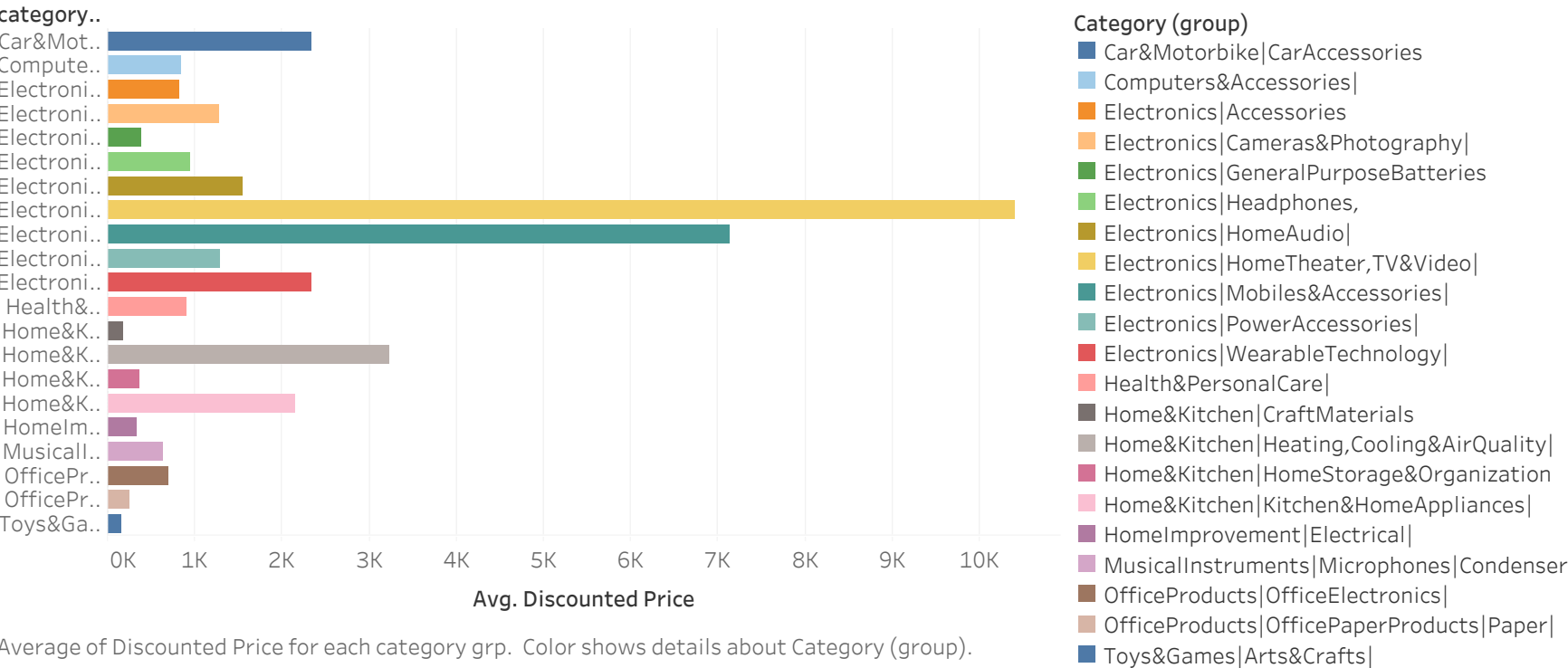- Toys&Games|Arts&Crafts|

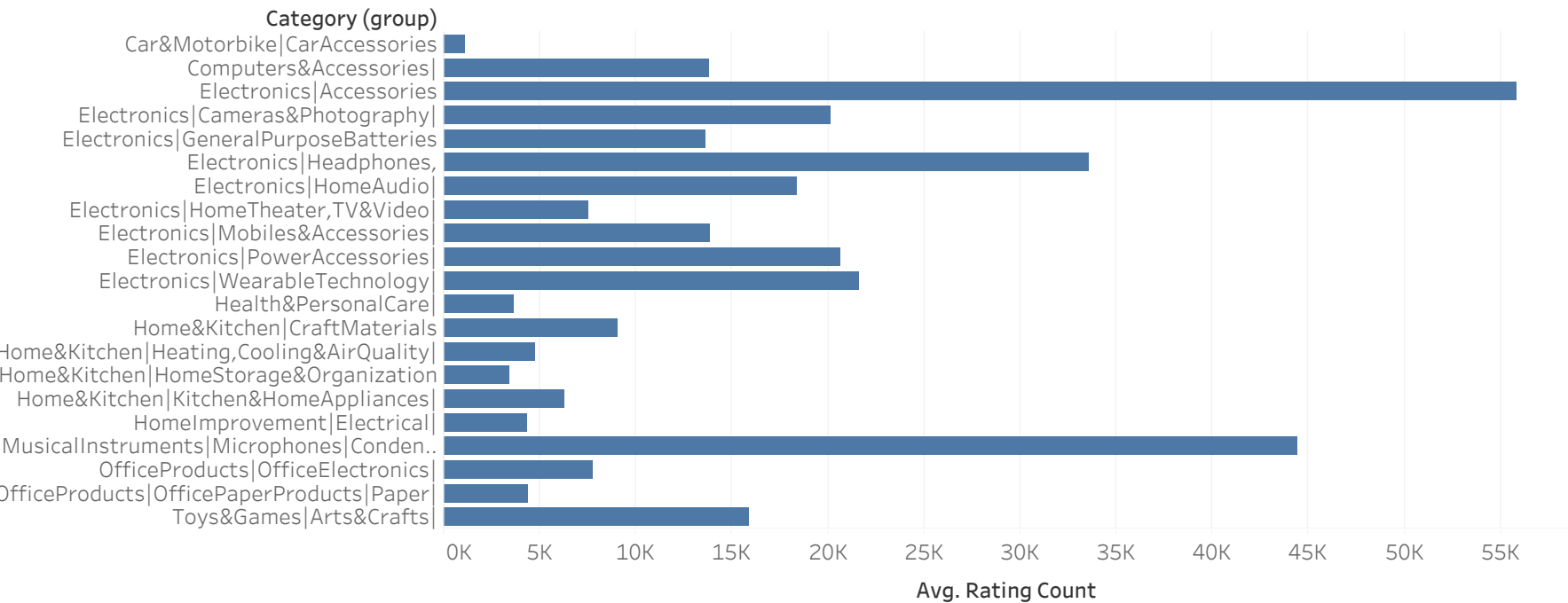## 10. Which product category has the highest number of products?

Distinct count of Product Id for each Category (group).

11. Is there a difference in average ratings between product categories with a high number of reviews and products with fewer reviews?

12. How does the distribution of average product discounted prices vary across different categories?

category..

Car&Mot..	
Compute..	
Electroni..	
Electroni..	
Electroni..	
Electroni..	
Electroni..	
Electroni..	
Electroni..	
Electroni..	
Electroni..	
Health&..	
Home&K..	
Home&K..	
Home&K..	
Home&K..	
HomeIm..	
MusicalI..	
OfficePr..	
OfficePr..	
Toys&Ga..	

0K   1K   2K   3K   4K   5K   6K   7K   8K   9K   10K

Avg. Discounted Price

Average of Discounted Price for each category grp. Color shows details about Category (group).

Category (group)

- Car&Motorbike|CarAccessories
- Computers&Accessories|
- Electronics|Accessories
- Electronics|Cameras&Photography|
- Electronics|GeneralPurposeBatteries
- Electronics|Headphones,
- Electronics|HomeAudio|
- Electronics|HomeTheater,TV&Video|
- Electronics|Mobiles&Accessories|
- Electronics|PowerAccessories|
- Electronics|WearableTechnology|
- Health&PersonalCare|
- Home&Kitchen|CraftMaterials
- Home&Kitchen|Heating,Cooling&AirQuality|
- Home&Kitchen|HomeStorage&Organization
- Home&Kitchen|Kitchen&HomeAppliances|
- HomeImprovement|Electrical|
- MusicalInstruments|Microphones|Condenser
- OfficeProducts|OfficeElectronics|
- OfficeProducts|OfficePaperProducts|Paper|
- Toys&Games|Arts&Crafts|

13. Which product category has the highest number of average rating counts?

Category (group)

Category	
Car&Motorbike|CarAccessories	
Computers&Accessories|	
Electronics|Accessories	
Electronics|Cameras&Photography|	
Electronics|GeneralPurposeBatteries	
Electronics|Headphones,	
Electronics|HomeAudio|	
Electronics|HomeTheater,TV&Video|	
Electronics|Mobiles&Accessories|	
Electronics|PowerAccessories|	
Electronics|WearableTechnology|	
Health&PersonalCare|	
Home&Kitchen|CraftMaterials	
Home&Kitchen|Heating,Cooling&AirQuality|	
Home&Kitchen|HomeStorage&Organization	
Home&Kitchen|Kitchen&HomeAppliances|	
HomeImprovement|Electrical|	
MusicalInstruments|Microphones|Conden..	
OfficeProducts|OfficeElectronics|	
OfficeProducts|OfficePaperProducts|Paper|	
Toys&Games|Arts&Crafts|	

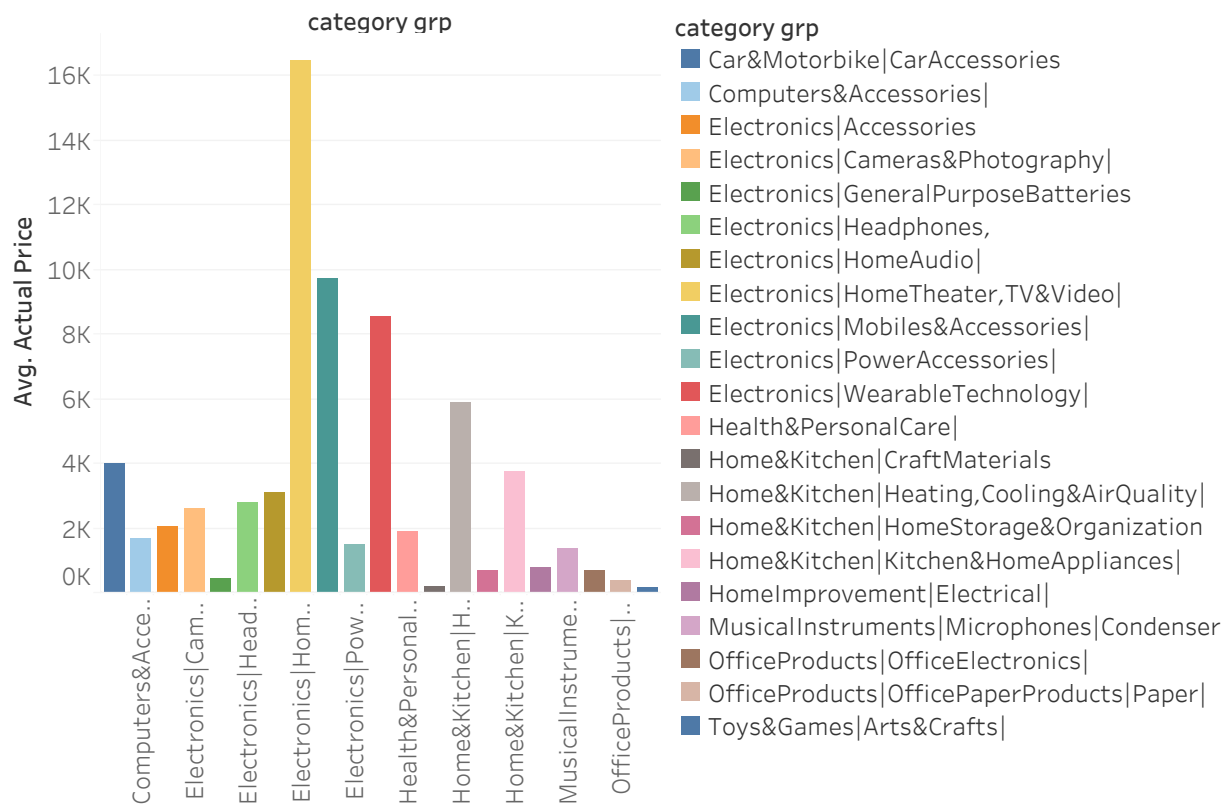0K   5K   10K   15K   20K   25K   30K   35K   40K   45K   50K   55K

Avg. Rating Count

Average of Rating Count for each Category (group).

14. What is the distribution of ratings in this Amazon sales dataset?

Category (group)

Category (group)	Avg. Rating
Car&Motorbike|CarAccessories	
Computers&Accessories|	
Electronics|Accessories	
Electronics|Cameras&Photography|	
Electronics|GeneralPurposeBatteries	
Electronics|Headphones,	
Electronics|HomeAudio|	
Electronics|HomeTheater,TV&Video|	
Electronics|Mobiles&Accessories|	
Electronics|PowerAccessories|	
Electronics|WearableTechnology|	
Health&PersonalCare|	
Home&Kitchen|CraftMaterials	
Home&Kitchen|Heating,Cooling&AirQuality|	
Home&Kitchen|HomeStorage&Organization	
Home&Kitchen|Kitchen&HomeAppliances|	
HomeImprovement|Electrical|	
MusicalInstruments|Microphones|Condenser	
OfficeProducts|OfficeElectronics|	
OfficeProducts|OfficePaperProducts|Paper|	
Toys&Games|Arts&Crafts|	

Average of Rating for each Category (group).

15. How does the distribution of average product actual prices vary across different categories?

category grp

category grp

- Car&Motorbike|CarAccessories
- Computers&Accessories|
- Electronics|Accessories
- Electronics|Cameras&Photography|
- Electronics|GeneralPurposeBatteries
- Electronics|Headphones,
- Electronics|HomeAudio|
- Electronics|HomeTheater,TV&Video|
- Electronics|Mobiles&Accessories|
- Electronics|PowerAccessories|
- Electronics|WearableTechnology|
- Health&PersonalCare|
- Home&Kitchen|CraftMaterials
- Home&Kitchen|Heating,Cooling&AirQuality|
- Home&Kitchen|HomeStorage&Organization
- Home&Kitchen|Kitchen&HomeAppliances|
- HomeImprovement|Electrical|
- MusicalInstruments|Microphones|Condenser
- OfficeProducts|OfficeElectronics|
- OfficeProducts|OfficePaperProducts|Paper|
- Toys&Games|Arts&Crafts|

Average of Actual Price for each category grp. Color shows details about category grp.