


# Google Sheets Data Project Overview

This project involved transforming unstructured product data into a clean, organized format using Google Sheets. It included creating dropdown lists, using XLOOKUP functions, and customizing data charts. The goal was to analyze and visualize product data efficiently.




## *Product List*

- 1. Product: Wireless Headphones, Price: \$120, Category: Electronics*
- 2. Product: Running Shoes, Price: \$85, Category: Footwear*
- 3. Product: Smartwatch, Price: \$200, Category: Electronics*
- 4. Product: Yoga Mat, Price: \$25, Category: Fitness*
- 5. Product: Office Chair, Price: \$180, Category: Furniture*
- 6. Product: Coffee Maker, Price: \$60, Category: Kitchen Appliances*
- 7. Product: Desk Lamp, Price: \$40, Category: Home Decor*
- 8. Product: Water Bottle, Price: \$15, Category: Fitness*
- 9. Product: Smartphone, Price: \$800, Category: Electronics*
- 10. Product: Blender, Price: \$50, Category: Kitchen Appliances*

**Before:** This screenshot shows the initial unstructured product data. The product names, categories, and other details were disorganized and required formatting for analysis.



Product List –Structured Data



File

Edit

View






Insert

Format

Data

Tools

Extensions



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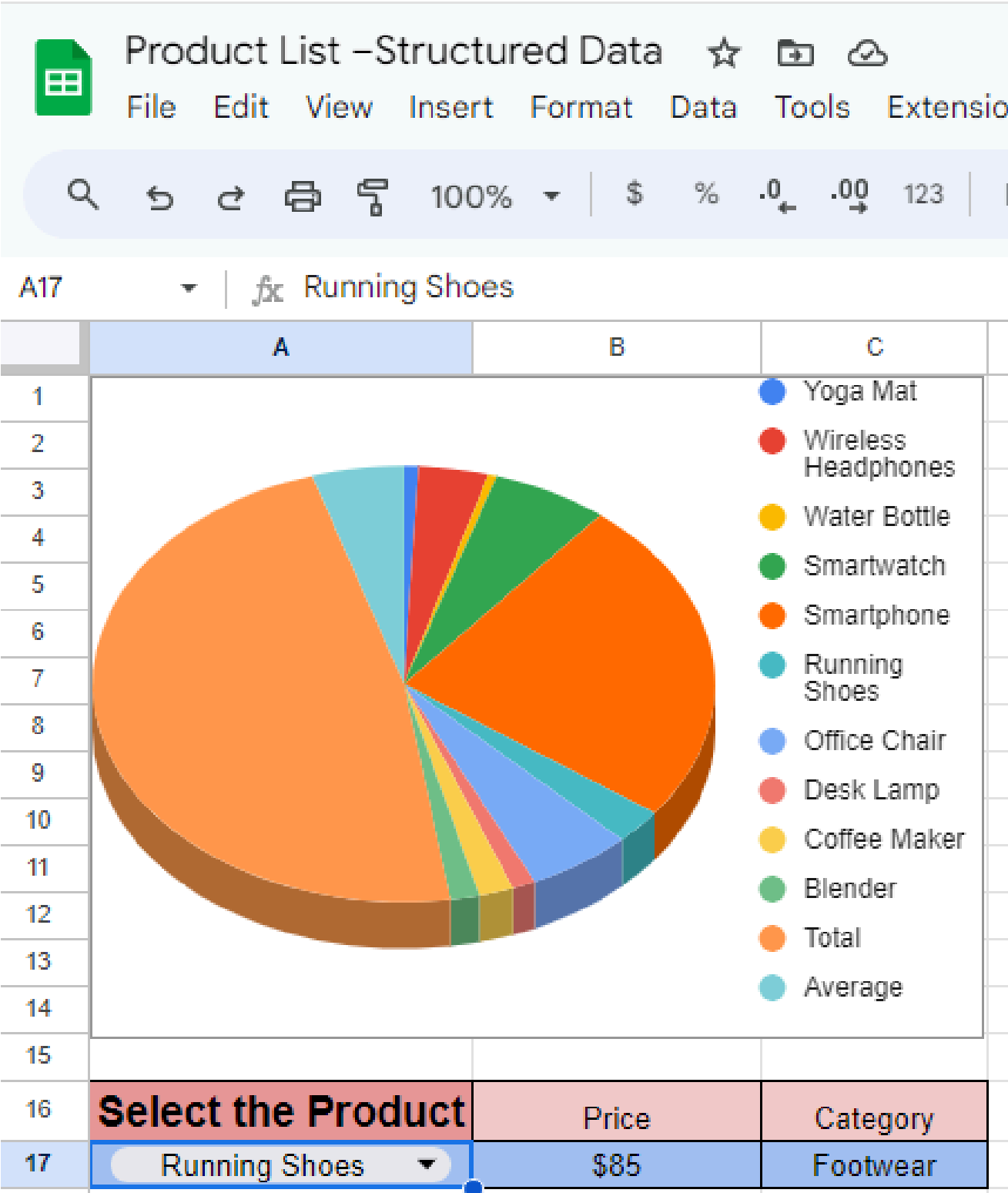
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	A	B	C
1	Product Name	Price	Category
2	Yoga Mat	\$25	Fitness
3	Wireless Headphones	\$120	Electronics
4	Water Bottle	\$15	Fitness
5	Smartwatch	\$200	Electronics
6	Smartphone	\$800	Electronics
7	Running Shoes	\$85	Footwear
8	Office Chair	\$180	Furniture
9	Desk Lamp	\$40	Home Decor
10	Coffee Maker	\$60	Kitchen Appliances
11	Blender	\$50	Kitchen Appliances
12	Total	\$1,575	
13	Average	\$158	
14			

**In-progress:** At this stage, I applied dropdown lists and used the XLOOKUP function to categorize the product data, allowing for easy lookup and analysis.



**After:** The final screenshot demonstrates the customized chart created from the cleaned data, visualizing product categories and sales figures.

**This project highlights my expertise in data transformation using Google Sheets. By using advanced functions and visualization techniques, I was able to organize and analyze complex data sets efficiently. This PDF demonstrates my ability to work with large data sets, create meaningful insights, and present them in a clear and professional format.**