



**DSA PROJECT**  
**AMAZON REVIEWS**  
**ANALYSIS**

# **Group Members:**

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# **Abstract:**

In this project we have tried to devise insights from the existing datasets of the different categories of products available on Amazon.com (Apparel, toys and shoes).

# **Problem Statement:**

- To devise insights about a product category
- To analyze the top selling products in a certain niche
- To search for products on the basis of their rating
- To search for products on the basis of keywords

# Program Structure:

The program structure contains of two main options

- **Choose your dataset:**  
The program gives the option to choose from 3 niches:
  - 1) Apparel
  - 2) Toys
  - 3) Shoes
- Choose one of the given options
  - 1) Search for a product on the basis of Product ID
  - 2) Find the Regularly bought products
  - 3) Find the Hot selling products in this niche
  - 4) Analyze the main keywords of the product review
  - 5) Extract products on the basis of review rating and specific keywords
    - Sellers can use this feature to analyze the bad products of the category and use this feature to further improve their product.

## Technologies used in the Project:

- 1) Used C++ Language for the project
- 2) The IDE Used in this project was Visual Studio Code
- 3) The Data Set used can be found [here](#).

**THE END**