

# **DATA ANALYTICS PROCESS**

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## **EXAMPLE 1: BUYING A NEW CAR**

### ***Plan:***

When considering buying a car, it's important to understand what you need, want, and can afford. Think about the kind of vehicle that fits your life – whether it's a sedan, hatchback, or SUV – and list down the features you care about like fuel efficiency, safety, performance, and technology.

### ***Prepare:***

When deciding on a car, you explore different models, brands, and dealerships to collect details about pricing, financing, warranties, and reviews. You evaluate various vehicles considering factors such as reliability, resale value, maintenance expenses, and overall ownership satisfaction to narrow down your choices.

### ***Process:***

When looking to buy a car you can use tools, car websites and mobile apps to gather information on things, like car features, prices, deals and what dealers are offering. You'll also take into account stuff like insurance costs, loan rates and the value of your trade in to figure out how much owning the car will cost and if its within your budget.

### ***Analyze:***

After collecting all this info you'll analyze it to figure out which car models fit your needs best and give you the bang for your buck. You'll look at things like how much the cars will cost in the run how fast they lose value over time and how much you could sell them for on.

### ***Share:***

Next step is talking about what you've found with family members, friends or experts in cars to get their thoughts and advice. Getting viewpoints can help you see things you might have missed before making a decision.

### ***Act:***

With all that info in hand and after getting some recommendations from others it's time to head to dealerships for test drives. You'll haggle over prices. Eventually make your purchase. Don't forget about extras, like warranties or maintenance packages that can make owning the car better in the long run.

## **EXAMPLE 2: GROCERY SHOPPING**

### ***Plan:***

Before going to the grocery store, list out what you need and want. Make a shopping list taking into account your weekly meals, dietary needs, and household essentials. Make sure to focus on necessary items and avoid buying things you don't need.

### ***Prepare:***

Compare prices of grocery items at various stores to get the best offers and discounts. Look at flyers, coupons, and loyalty programs to save money and plan your budget accordingly.

### ***Process:***

When you shop for groceries, you can use apps or websites to look at products, check if they're in stock, and compare prices instantly. You can make a list on your phone, organizing items by aisle or type of food to make your shopping trip easier and quicker.

### ***Analyze:***

To analyze your purchasing habits, you can look at your receipts or use tracking tools to see how you spend money on groceries. This can help you see patterns in what you buy often, how your spending changes with the seasons, and find ways to save money or eat healthier.

### ***Share:***

When you share your shopping list or meal plans with family members or housemates, you can gather input, make sure everyone's needs are taken into account, and work together on meal preparation ideas. This collaborative approach promotes teamwork, minimizes food waste, and guarantees a well-rounded diet for all.

### ***Act:***

With your analyzed insights and prepared list in hand, you can confidently head to the grocery store or place an online order. By sticking to your planned list and budget, you can make informed decisions based on price comparisons, product reviews, and nutritional information. This way, you can ensure you purchase high-quality items that suit your needs, preferences, and budget.

## **EXAMPLE 3: ADOPTING / BUYING A PET**

### ***Plan:***

Before adopting a pet, you must identify the kind of animal you want that will be suitable for your lifestyle and preference. When looking into adopting a pet, factors to consider include the size, temperament, and care needs of each animal such as dogs, cats, birds or fish.

***Prepare:***

Investigate the definite necessities and care demands of this selected pet type in terms of dieting, exercise patterns, hygiene conformity, and supervision by a veterinary. Initial expenses for a pet like adoption prices, feeding, toys and bedding should also be investigated.

***Process:***

You collect information about pet care items, manufacturers and companies taken from multiple channels that may include internet reviews, helpful manuals or advice given by veterinarians to help you in choosing the right quality food, toys, and healthcare for your favourite animal.

***Analyze:***

An informed decision about your pet's healthcare, diet and exercise can be made when the data that was collected is analysed. You may decide on how active your pet should be by using analytics through wearables or smartphone applications so as to guarantee that he/she does not miss the required amount of physical exercises which will help keeping my cat healthy.

***Share:***

Share the given information and ideas about your own pet care including maintenance operations and monitoring technology setup with family members together with the pet sitters or veterinarians, which helps everyone taking care of it know everything about the animal, hence offering unified service.

***Act:***

Finally, you must take care of your pet by following instructions from the analysis we have done together including when to feed, how much food to give him or her per day, exercises that should be done regularly and checkups for animals from veterinarians. With the help of various technological tools, keep gathering information that is important in assessing the animal's state of health while continuously changing its care routine so as to cater for its contentment and survival.