Open to Buy Project


Real Suits Boutique

## Table of Contents

Company Biographies ..... Pgs 3-4
Abstract ..... Pg 5
Storefront ..... Pg 6
Store Layout ..... Pg 6
Target Market ..... Pg 7
Sketches ..... Pgs 8-10
Sizing ..... Pg 11
Season Colors ..... Pg 12
SKUS ..... Pgs 13-18
Manufacturing ..... Pgs 19-20
Part B ..... Pg 20-16
Part C ..... Pgs 26-27
References ..... Pgs 18

## Company Biographies



## Sabastien Mohammed

What's Good, my name is Sabastien Mohammed. I am 24 years old and I am a Junior at New York City College of Technology. I am currently studying Business and Technology of Fashion. Prior to returning to school, I served four years in the United States Marine Corps as a Sergeant. My career goal is to own my own fashion line that specializes in streetwear.

Responsibilities: To create the cover, abstract, co-create target market, co-create sketches, create part b , create part c , format citations and to complete final review and edit

Terrence Williams - Research Analyst


My name is Terrence Williams. I graduated from Medgar Evers College with an Associate Degree in Business Administration. I am currently enrolled at New York City College of Technology, working towards obtaining a Bachelor of Science degree in Business and Technology of Fashion. In addition to attending college, I am employed at a Retail company, named J. Crew. My goal is to one day obtain my own suiting company and continue to expand my knowledge as a marketer and entrepreneur in the fashion industry.

Responsibilities: To create the target market, co-create sketches, create the season colors, help with sizing and help with part $b$.

# Mustafa Abdelgadir - Forecaster 



My name is Mustafa Abdelgadir. I'm 19, and I am currently a sophomore at City Tech pursuing the Business Tech of Fashion Bachelor's degree. I had some knowledge in the business field my senior year in highschool and worked at a small fashion store by my house over the summer before i attended my first year of college, as well as some business courses during my junior year of highschool that's what got me interested in business from the start.

Responsibilities: To create the storefront, co-create the sketches, create the sizing, help with seasonal colors, create the SKUS, create the manufacturing and help with the part b.


#### Abstract

This open-to-buy (OTB) project explores the costs it takes to establish a suit-wear business. This project uses numerous credible online articles that are used to predict what is necessary to identify, source and purchase the garments necessary to stock a clothing store. For this open-tobuy project, our company specializes in reversible suits. This research paper also explores a


store's location, this company's target market, trends, sourcing and planning for the projected months.

Keywords: open-to-buy

## Storefront




## Target Market

A target market is a group of people that a business chooses to promote and aim their products and merchandise towards. This is a very important step in the planning process as it selects the consumers with the greatest likelihood to purchase your product (Higgins, 2020). The very first step of creating a well-developed target market is to examine the variable in your marketing mix. The four Ps in the marketing mix are product, promotion, place, and price. (Twin, 2020) The four marketing mixes help to determine whether the item will be successful in the marketplace.

Formal wear should be about looking the part at work, but don't sacrifice how you look! Look and feel confident with tailored suits from The Real Suit-Suits. While off-the-rack suits are an easy option, they never flatter the body and make you look good. With tailored suits, you look good while feeling comfortable as well! Our tailored suits feature sourced materials of higher quality, which means that our suits last much longer than off-the-rack. So, you can save more money with a suit that fits your silhouette well, while lasting a long time. Our proposed target market are businessmen and college graduate men from the ages of 24-45 who want to look the part at work without sacrificing style. These men shouldn't lose their sense of style in the corporate fields they're entering in. They can be college graduates, but also those who wear suits
frequently, such as lawyers, finance, bankers, etc. These individuals should look good while they're still young, or as they grow older.

We are currently headquartered in the fashion hub of Manhattan, NYC and furthering to expand internationally to other areas of the world such as Japan. With our HQ being centered in one of the strongest fashion hubs, we can easily track and predict the latest trends coming and to come.


## Sketches

Figure 1. Three-Piece reversible suit made of silk. This garment is meant to be light for summer use. The exterior color is light, while the interior color is darker for reversible purposes.

Figure 2. Pinstripe Blazer made of cotton for a more traditional look.


Figure 3. Traditional suit made of cotton. This garments exterior is made with a darker color with a light reversible inside


Figure 4. Dress shirt made of fine silk for a comfortable feel for those
 long workdays.

Figure 5. Full 3-piece suit traditional non-reversible garment.


Figure 6. Haute-Couture three-piece suit made out of recycled plastic. This eco-friendly one-time use garment is set to be


## affordable and stylist for the daring consumer.

## Sizing

Everyone wants a well-fitted suit and the better the suit fits the better it will look on the one who's wearing it. Many factors go into finding the perfect suit like your height, waist measurements, your side measurements, and hip measurements; these all go into the perfect suit. A good fit suit isn't just made to look good but also meant to prevent any stretches, as well as provide warmth and comfort, conceal the socks, and most of all defines your figure well. Down below is a detailed chart of what the specific sizes measurements are for a suit.

| Internat suit <br> size | US Suit Size | Euro Suit <br> Size | Chest (inch) | Waist (inch) | Arm (inch) |
| :--- | :--- | :--- | :--- | :--- | :--- |


| $\mathbf{S}$ | $\mathbf{3 4}$ | $\mathbf{4 6}$ | $\mathbf{3 4}$ | $\mathbf{2 8}$ | $\mathbf{3 1 . 5}$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| S | $\mathbf{3 6}$ | $\mathbf{4 6}$ | $\mathbf{3 6}$ | $\mathbf{3 0}$ | $\mathbf{3 2}$ |
| M | $\mathbf{3 8}$ | $\mathbf{4 8}$ | $\mathbf{3 8}$ | $\mathbf{3 2}$ | $\mathbf{3 2 . 5}$ |
| M | $\mathbf{4 0}$ | $\mathbf{4 8}$ | $\mathbf{4 0}$ | $\mathbf{3 4}$ | $\mathbf{3 3}$ |


| L | $\mathbf{4 2}$ | $\mathbf{5 0}$ | $\mathbf{4 2}$ | $\mathbf{3 6}$ | $\mathbf{3 3 . 5}$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| L | $\mathbf{4 4}$ | $\mathbf{5 2}$ | $\mathbf{4 4}$ | $\mathbf{3 8}$ | $\mathbf{3 4}$ |
| XL | $\mathbf{4 6}$ | $\mathbf{5 4}$ | $\mathbf{4 6}$ | $\mathbf{4 0}$ | $\mathbf{3 4 . 5}$ |
| XL | $\mathbf{4 8}$ | $\mathbf{5 5}$ | $\mathbf{4 8}$ | $\mathbf{4 2}$ | $\mathbf{3 5}$ |
| XXL | $\mathbf{5 0}$ | $\mathbf{5 6}$ | $\mathbf{5 0}$ | $\mathbf{4 4}$ | $\mathbf{3 5 . 5}$ |
| XXL | $\mathbf{5 2}$ | $\mathbf{5 6}$ | $\mathbf{5 2}$ | $\mathbf{4 6}$ | $\mathbf{3 6}$ |

## Season Colors

These are the selected colors for the upcoming season with an important look for the projected popular spring/summer colors.


## SKUS

The charts compiled below are listings of Real Suits models and each model of suit includes the color, size, and which season they are with compiling from the months of February till July. The SKU is designed to keep track of our products and as well as show what we left in stock and
helps us keep an organized storage space and tells us exactly how much we ordered between the periods February and July.

FEBRUARY

| Style \# | Color \# | US Size | SKU | Season | IRN |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0123 | White 5758 | 40 | $6546-333-876-09$ | Spring 2021 | 201 |
| 0123 | White 5758 | 41 | $6546-333-876-09$ | Spring 2021 | 202 |
| 0123 | White 5758 | 42 | $6546-333-876-09$ | Spring 2021 | 203 |
| 0123 | White 5758 | 43 | $6546-333-876-09$ | Spring 2021 | 204 |
| 0123 |  |  |  | 205 |  |
| 0124 | White 5758 | 45 | $6546-333-876-09$ | Spring 2021 | 206 |
| 0124 | Ivory 5758 | 46 | $6546-333-876-09$ | Spring 2021 | 207 |
| 0124 | Ivory 5758 | 47 | $6546-333-876-09$ | Spring 2021 | 208 |
| 0124 | Ivory 5758 | 48 | $6546-333-876-09$ | Spring 2021 | 209 |
| 0124 | Ivory 5758 | 49 | $6546-333-876-09$ | Spring 2021 | 210 |
| 0124 | Ivory 5758 | 50 | $6546-333-876-09$ | Spring 2021 | 211 |
| 0125 | Ivory 5758 | 51 | $6546-333-876-09$ | Spring 2021 | 212 |
| 0125 | Tan 5758 | 52 | $6546-333-876-09$ | Spring 2021 | 213 |
| 0125 | Tan 5758 | 53 | $6546-333-876-09$ | Spring 2021 | 214 |
| 0125 | Tan 5758 | 54 | $6546-333-876-09$ | Spring 2021 | 215 |
| 0125 | Tan 5758 | 55 | $6546-333-876-09$ | Spring 2021 | 216 |
| 0125 | Tan 5758 | 56 | $6546-333-876-09$ | Spring 2021 | 217 |
| 0125 | Tan 5758 | 57 | $6546-333-876-09$ | Spring 2021 | 218 |
| 0125 | Tan 5758 | 58 | $6546-333-876-09$ | Spring 2021 | 219 |
|  | Tan 5758 | 59 | $6546-333-876-09$ | Spring 2021 |  |

## MARCH

| Style \# | Color \# | US Size | SKU | Season | IRN |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0126 | Yellow Cust 5758 | 40 | $6546-333-876-09$ | Spring 2021 | 201 |
| 0126 | Yellow Cust 5758 | 41 | $6546-333-876-09$ | Spring 2021 | 202 |
| 0126 | Yellow Cust 5758 | 42 | $6546-333-876-09$ | Spring 2021 | 203 |
| 0126 | Yellow Cust 5758 | 43 | $6546-333-876-09$ | Spring 2021 | 204 |
|  |  |  |  |  |  |
| 0126 | Yellow Cust 5758 | 45 | $6546-333-876-09$ | Spring 2021 | 205 |
| 0126 | Yellow Cust 5758 | 46 | $6546-333-876-09$ | Spring 2021 | 206 |
| 0127 | Lime Pist 5758 | 47 | $6546-333-876-09$ | Spring 2021 | 207 |
| 0127 | Lime Pist 5758 | 48 | $6546-333-876-09$ | Spring 2021 | 208 |
| 0127 | Lime Pist 5758 | 49 | $6546-333-876-09$ | Spring 2021 | 209 |
| 0127 | Lime Pist 5758 | 50 | $6546-333-876-09$ | Spring 2021 | 210 |
| 0127 | Lime Pist 5758 | 51 | $6546-333-876-09$ | Spring 2021 | 211 |
| 0127 | Lime Pist 5758 | 52 | $6546-333-876-09$ | Spring 2021 | 212 |
| 0127 | Lime Pist 5758 | 53 | $6546-333-876-09$ | Spring 2021 | 213 |
| 0128 | Rose 5758 | 54 | $6546-333-876-09$ | Spring 2021 | 214 |
| 0128 | Rose 5758 | 55 | $6546-333-876-09$ | Spring 2021 | 215 |
| 0128 | Rose 5758 | 56 | $6546-333-876-09$ | Spring 2021 | 216 |
| 0128 | Rose 5758 | 57 | $6546-333-876-09$ | Spring 2021 | 217 |
| 0128 | Rose 5758 | 58 | $6546-333-876-09$ | Spring 2021 | 218 |


| 0128 | Rose 5758 | 59 | $6546-333-876-09$ | Spring 2021 | 219 |
| :--- | :--- | :--- | :--- | :--- | :--- |

## APRIL

| Style \# | Color \# | US Size | SKU | Season | IRN |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0129 | Blue ice 5758 | 40 | $6546-333-876-09$ | Spring 2021 | 201 |
| 0129 | Blue ice 5758 | 41 | $6546-333-876-09$ | Spring 2021 | 202 |
| 0129 | Blue ice 5758 | 42 | $6546-333-876-09$ | Spring 2021 | 203 |
| 0129 | Blue ice 5758 | 43 | $6546-333-876-09$ | Spring 2021 | 204 |
| 0129 | Blue ice 5758 | 45 | $6546-333-876-09$ | Spring 2021 | 205 |
| 0129 | Blue ice 5758 | 46 | $6546-333-876-09$ | Spring 2021 | 206 |
| 0129 | Blue ice 5758 | 47 | $6546-333-876-09$ | Spring 2021 | 207 |
| 0129 | Blue ice 5758 | 48 | $6546-333-876-09$ | Spring 2021 | 208 |
| 0130 | Blue Glacier 5758 | 49 | $6546-333-876-09$ | Spring 2021 | 209 |
| 0130 | Blue Glacier 5758 | 50 | $6546-333-876-09$ | Spring 2021 | 210 |
| 0130 | Blue Glacier 5758 | 51 | $6546-333-876-09$ | Spring 2021 | 211 |
| 0130 | Blue Glacier 5758 | 52 | $6546-333-876-09$ | Spring 2021 | 212 |
| 0130 | Blue Glacier 5758 | 53 | $6546-333-876-09$ | Spring 2021 | 213 |
| 0130 | Blue Glacier 5758 | 54 | $6546-333-876-09$ | Spring 2021 | 214 |
| 0131 | Stone 5052 | 55 | $6546-333-876-09$ | Spring 2021 | 215 |
| 0131 | Stone 5052 | 56 | $6546-333-876-09$ | Spring 2021 | 216 |
| 0131 | Stone 5052 | 57 | $6546-333-876-09$ | Spring 2021 | 217 |
| 0131 | Stone 5052 | 58 | $6546-333-876-09$ | Spring 2021 | 218 |
| 0131 | Stone 5052 | 59 | $6546-333-876-09$ | Spring 2021 | 219 |

## MAY

| Style \# | Color \# | US Size | SKU | Season | IRN |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0132 | Taupe 5758 | 40 | $6546-333-876-09$ | Spring 2021 | 201 |
| 0132 | Taupe 5758 | 41 | $6546-333-876-09$ | Spring 2021 | 202 |
| 0132 | Taupe 5758 | 42 | $6546-333-876-09$ | Spring 2021 | 203 |
| 0132 | Taupe 5758 | 43 | $6546-333-876-09$ | Spring 2021 | 204 |
|  |  |  |  |  |  |
| 0132 | Taupe 5758 | 45 | $6546-333-876-09$ | Spring 2021 | 205 |
| 0132 | Taupe 5758 | 46 | $6546-333-876-09$ | Spring 2021 | 206 |
| 0132 | Taupe 5758 | 47 | $6546-333-876-09$ | Spring 2021 | 207 |
| 0133 | Nutmeg 5758 | 48 | $6546-333-876-09$ | Spring 2021 | 208 |
| 0133 | Nutmeg 5758 | 49 | $6546-333-876-09$ | Spring 2021 | 209 |
| 0133 | Nutmeg 5758 | 50 | $6546-333-876-09$ | Spring 2021 | 210 |
| 0133 | Nutmeg 5758 | 51 | $6546-333-876-09$ | Spring 2021 | 211 |
| 0133 | Nutmeg 5758 | 52 | $6546-333-876-09$ | Spring 2021 | 212 |
| 0133 | Nutmeg 5758 | 53 | $6546-333-876-09$ | Spring 2021 | 213 |
| 0133 | Nutmeg 5758 | 54 | $6546-333-876-09$ | Spring 2021 | 214 |
| 0134 | Sage 5758 | 55 | $6546-333-876-09$ | Spring 2021 | 215 |


| 0134 | Sage 5758 | 56 | $6546-333-876-09$ | Spring 2021 | 216 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0134 | Sage 5758 | 57 | $6546-333-876-09$ | Spring 2021 | 217 |
| 0134 | Sage 5758 | 58 | $6546-333-876-09$ | Spring 2021 | 218 |
| 0134 | Sage 5758 | 59 | $6546-333-876-09$ | Spring 2021 | 219 |

## JUNE

| Style \# | Color \# | US Size | SKU | Season | IRN |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0135 | Caramel 5052 | 40 | $6546-333-876-09$ | Spring 2021 | 201 |
| 0135 | Caramel 5052 | 41 | $6546-333-876-09$ | Spring 2021 | 202 |
| 0135 | Caramel 5052 | 42 | $6546-333-876-09$ | Spring 2021 | 203 |
| 0135 | Caramel 5052 | 43 | $6546-333-876-09$ | Spring 2021 | 204 |
|  |  |  |  |  |  |
| 0135 | Caramel 5052 | 45 | $6546-333-876-09$ | Spring 2021 | 205 |
| 0135 | Caramel 5052 | 46 | $6546-333-876-09$ | Spring 2021 | 206 |
| 0135 | Caramel 5052 | 47 | $6546-333-876-09$ | Spring 2021 | 207 |
| 0136 | Khaki 5052 | 48 | $6546-333-876-09$ | Spring 2021 | 208 |
| 0136 | Khaki 5052 | 49 | $6546-333-876-09$ | Spring 2021 | 209 |
| 0136 | Khaki 5052 | 50 | $6546-333-876-09$ | Spring 2021 | 210 |
| 0136 | Khaki 5052 | 51 | $6546-333-876-09$ | Spring 2021 | 211 |
| 0136 | Khaki 5052 | 52 | $6546-333-876-09$ | Spring 2021 | 212 |
| 0136 | Khaki 5052 | 53 | $6546-333-876-09$ | Spring 2021 | 213 |
| 0136 | Khaki 5052 | 54 | $6546-333-876-09$ | Spring 2021 | 214 |
| 0136 | Khaki 5052 | 55 | $6546-333-876-09$ | Spring 2021 | 215 |
| 0136 | Khaki 5052 | 56 | $6546-333-876-09$ | Spring 2021 | 216 |
| 0136 | Khaki 5052 | 57 | $6546-333-876-09$ | Spring 2021 | 217 |
| 0136 | Khaki 5052 | 58 | $6546-333-876-09$ | Spring 2021 | 218 |
| 0136 | Khaki 5052 | 59 | $6546-333-876-09$ | Spring 2021 | 219 |

## JULY

| Style \# | Color \# | US Size | SKU | Season | IRN |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0138 | Charcoal 5052 | 40 | $6546-333-876-09$ | Spring 2021 | 201 |
| 0138 | Charcoal 5052 | 41 | $6546-333-876-09$ | Spring 2021 | 202 |
| 0138 | Charcoal 5052 | 42 | $6546-333-876-09$ | Spring 2021 | 203 |
| 0138 | Charcoal 5052 | 43 | $6546-333-876-09$ | Spring 2021 | 204 |
| 0138 | Charcoal 5052 | 45 | $6546-333-876-09$ | Spring 2021 | 205 |
| 0138 | Charcoal 5052 | 46 | $6546-333-876-09$ | Spring 2021 | 206 |
| 0138 | Charcoal 5052 | 47 | $6546-333-876-09$ | Spring 2021 | 207 |
| 0138 | Charcoal 5052 | 48 | $6546-333-876-09$ | Spring 2021 | 208 |


| 0138 | Charcoal 5052 | 49 | $6546-333-876-09$ | Spring 2021 | 209 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0138 | Charcoal 5052 | 50 | $6546-333-876-09$ | Spring 2021 | 210 |
| 0139 | Black 5052 | 51 | $6546-333-876-09$ | Spring 2021 | 211 |
| 0139 | Black 5052 | 52 | $6546-333-876-09$ | Spring 2021 | 212 |
| 0139 | Black 5052 | 53 | $6546-333-876-09$ | Spring 2021 | 213 |
| 0139 | Black 5052 | 54 | $6546-333-876-09$ | Spring 2021 | 214 |
| 0139 | Black 5052 | 55 | $6546-333-876-09$ | Spring 2021 | 215 |
| 0139 | Black 5052 | 56 | $6546-333-876-09$ | Spring 2021 | 216 |
| 0139 | Black 5052 | 57 | $6546-333-876-09$ | Spring 2021 | 217 |
| 0139 | Black 5052 | 58 | $6546-333-876-09$ | Spring 2021 | 218 |
| 0139 | Black 5052 | 59 | $6546-333-876-09$ | Spring 2021 | 219 |

## Manufacturing

Here at Real Suits, our suits are made with the utmost quality and care there is. We use real material like cotton and wool and recyclable clothes wear that will not be harmful to the environment after it's been worn out and recycled. An endlessly versatile fabric, wool paves the way as being one of the best fabrics for suits. Being suitable for both midday heat and colder evenings, it's ideal if you're searching for that one year-round perfect piece that can be used for everything from job interviews to parties. The refined look will give you that ultimate classic suit appeal while being both soft and wrinkle-free to remain smart throughout the day, as well as keep the suit breathable, comfortable, and it gives it a classic look that can be worn all year round. We work with Mills around the world who provide the best woven wool there is and the process of getting the wool nice and ready to use for our suits is quite a process, first a sheep is sheared for wool with some type of hair removal tool, and then what comes next is cleaning the wool by wash which is very important since it removes the dirt and natural oils from it, and is inspected thoroughly by high end manufacturers front and back to make sure there are no flaws and damage done to it before it goes on to the next process. Carding the wool is the next important step which straightens the wool and makes it softer and is normally done by big machines to make the process quicker but we make sure that not too many machines are used on the product since it may cause damage to it, then comes spinning the wool into yarn, weaving and knitting it, and dying it as the final process of the wool making since wool is easy to dye after having absorbed water and some computer sites are used to design and develop some colors and designs that best suit our clients order. But we make sure the material is checked inch by inch to make sure there are no flaws, and it has to pass a quality inspection before it can be rolled out to our customers. At Real Suits, we like to deliver the best possible results for our clients and that's making sure that the fabric we use is top tier and matches our customers' expectations.

## Part B

|  | Planned <br> Sales | On Order | Employee <br> Discount | MD $\$$ | Shortage | EOM | BOM |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| February | $\$ 300,000$ | $\$ 125,000$ | $2 \%$ | $\$ 8,000$ | $2 \%$ | $\$ 200,000$ | $\$ 160,000$ |
| March | $\$ 200,000$ | $\$ 15,000$ | $3 \%$ | $\$ 12,000$ | $4 \%$ | $\$ 80,000$ | $\$ 200,000$ |
| April | $\$ 300,000$ | $\$ 145,000$ | $4 \%$ | $\$ 4,000$ | $5 \%$ | $\$ 110,000$ | $\$ 80,000$ |
| May | $\$ 200,000$ | $\$ 35,000$ | $0 \%$ | $\$ 3,000$ | $7 \%$ | $\$ 90,000$ | $\$ 110,000$ |
| June | $\$ 400,000$ | $\$ 170,000$ | $5 \%$ | $\$ 18,000$ | $2 \%$ | $\$ 210,000$ | $\$ 90,000$ |
|  |  |  |  |  |  |  |  |
| July | $\$ 250,000$ | $\$ 24,000$ | $7 \%$ | $\$ 25,000$ | $3 \%$ | $\$ 70,000$ | $\$ 210,000$ |


|  | Planned <br> Sales | On Order | Employee <br> Discount | MD\$ | Shortage | EOM | BOM |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| February | $\$ 300,000$ | $\$ 125,000$ | $2 \%$ | $\$ 8,000$ | $2 \%$ | $\$ 200,000$ | $\$ 160,000$ |

February's Open-to-buy
B1. Open-to-buy for each money
Planned Sales \$300,000

- Planned Reductions $\$ 20,000$
(Employee Discount (2\%) + Markdown $(\$ 8,000)$
- $\quad$ Shortage $(2 \%))=\$ 20,000$

$$
(0.02 \% \text { X } \$ 300,000=\$ 6,000
$$

- $\$ 8,000+$

$$
0.02 \% X \$ 300,000=\$ 6,000)=\$ 20,000
$$

- Planned EOM Stock \$200,000
$=$ Total Monthly Needs $\$ 520,000$
- BOM Stock $\$ 160,000$
$=$ Planned Purchase $\$ 360,000$
- Merchandise on Order \$125,000
$=$ Open-to-Buy (At Retail) \$235,000
B2. Average Monthly Sales

Monthly Planned Sales / \# of Months
$(\$ 300,000+\$ 200,000+\$ 300,000+\$ 200,000+\$ 400,000+\$ 250,000) /(6)$
\$1,650,000 / 6 = \$275,000
B3. Average Monthly Order
All Merchandise on Order / \# of Months
$(\$ 125,000+\$ 15,000+\$ 145,000+\$ 35,000+\$ 170,000+\$ 24,000) /(6)$
$\$ 514,000 / 6=\$ 85,667$
B4. Markdown Percent per Month
$(\$ 8,000 / \$ 300,000) X(100)=2.67 \%$

|  | Planned <br> Sales | On Order | Employee <br> Discount | MD\$ | Shortage | EOM | BOM |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| March | $\$ 200,000$ | $\$ 15,000$ | $3 \%$ | $\$ 12,000$ | $4 \%$ | $\$ 80,000$ | $\$ 200,000$ |

March's Open-to-buy
B1. Open-to-buy for each money
Planned Sales $\$ 200,000$

- Planned Reductions $\$ 26,000$
(Employee Discount (3\%) + Markdown $(\$ 12,000)$
- $\quad$ Shortage $(4 \%)=\$ 26,000$

$$
(0.03 \% \text { X \$200,000 = \$6,000 }
$$

- $\$ 12,000+$ $0.04 \% \mathrm{X} \$ 200,000=\$ 8,000)=\$ 26,000$
- Planned EOM Stock \$80,000
$=$ Total Monthly Needs $\$ 306,000$
- BOM Stock \$200,000
$=$ Planned Purchase $\$ 106,000$
- Merchandise on Order \$15,000
$=$ Open-to-Buy (At Retail) \$91,000
B2. Average Monthly Sales
Monthly Planned Sales / \# of Months
$(\$ 300,000+\$ 200,000+\$ 300,000+\$ 200,000+\$ 400,000+\$ 250,000) /(6)$
$\$ 1,650,000 / 6=\$ 275,000$
B3. Average Monthly Order
All Merchandise on Order / \# of Months
$(\$ 125,000+\$ 15,000+\$ 145,000+\$ 35,000+\$ 170,000+\$ 24,000) /(6)$
$\$ 514,000 / 6=\$ 85,667$
B4. Markdown Percent per Month
$(\$ 12,000 / \$ 200,000) \mathrm{X}(100)=6 \%$

|  | Planned <br> Sales | On Order | Employee <br> Discount | MD $\$$ | Shortage | EOM | BOM |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| April | $\$ 300,000$ | $\$ 145,000$ | $4 \%$ | $\$ 4,000$ | $5 \%$ | $\$ 110,000$ | $\$ 80,000$ |

April's Open-to-buy
B1. Open-to-buy for each money
Planned Sales \$300,000

- Planned Reductions \$ 31,000
(Employee Discount (4\%) + Markdown $(\$ 4,000)$
- $\quad$ Shortage $(5 \%))=\$ 31,000$ $(0.04 \% \mathrm{X} \$ 300,000=\$ 12,000$
- $\$ 4,000$ + $0.05 \% \mathrm{X} \$ 300,000=\$ 15,000)=\$ 31,000$
- Planned EOM Stock $\$ 110,000$
$=$ Total Monthly Needs $\$ 441,000$
- BOM Stock \$80,000
$=$ Planned Purchase $\$ 361,000$
- Merchandise on Order \$145,000
$=$ Open-to-Buy (At Retail) \$216,000
B2. Average Monthly Sales
Monthly Planned Sales / \# of Months
$(\$ 300,000+\$ 200,000+\$ 300,000+\$ 200,000+\$ 400,000+\$ 250,000) /(6)$
$\$ 1,650,000 / 6=\$ 275,000$
B3. Average Monthly Order
All Merchandise on Order / \# of Months
$(\$ 125,000+\$ 15,000+\$ 145,000+\$ 35,000+\$ 170,000+\$ 24,000) /(6)$
$\$ 514,000 / 6=\$ 85,667$
B4. Markdown Percent per Month
$(\$ 4,000 / \$ 300,000) X(100)=1.34 \%$

|  | Planned <br> Sales | On Order | Employee <br> Discount | MD\$ | Shortage | EOM | BOM |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| May | $\$ 200,000$ | $\$ 35,000$ | $0 \%$ | $\$ 3,000$ | $7 \%$ | $\$ 90,000$ | $\$ 160,000$ |

May's Open-to-buy
B1. Open-to-buy for each money
Planned Sales $\$ 200,000$

- Planned Reductions \$ 17,000
(Employee Discount (0\%) + Markdown (\$3,000)
- $\quad$ Shortage $(7 \%))=\$ 17,000$
$(0.00 \%$ X $\$ 200,000=\$ 0,000$
- \$3,000 +
$0.07 \%$ X $\$ 200,000=\$ 14,000)=\$ 17,000$
- Planned EOM Stock \$90,000
$=$ Total Monthly Needs $\$ 307,000$
- BOM Stock \$110,000
$=$ Planned Purchase $\$ 197,000$
- Merchandise on Order \$35,000
$=$ Open-to-Buy (At Retail) \$162,000
B2. Average Monthly Sales
Monthly Planned Sales / \# of Months
$(\$ 300,000+\$ 200,000+\$ 300,000+\$ 200,000+\$ 400,000+\$ 250,000) /(6)$
\$1,650,000 / 6 = \$275,000
B3. Average Monthly Order
All Merchandise on Order / \# of Months
$(\$ 125,000+\$ 15,000+\$ 145,000+\$ 35,000+\$ 170,000+\$ 24,000) /(6)$
$\$ 514,000 / 6=\$ 85,667$
B4. Markdown Percent per Month
$(\$ 3,000 / \$ 200,000) X(100)=1.5 \%$

|  | Planned <br> Sales | On Order | Employee <br> Discount | MD\$ | Shortage | EOM | BOM |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| June | $\$ 400,000$ | $\$ 170,000$ | $5 \%$ | $\$ 18,000$ | $2 \%$ | $\$ 210,000$ | $\$ 90,000$ |

June's Open-to-buy
B1. Open-to-buy for each money
Planned Sales $\$ 400,000$

- Planned Reductions $\$ 46,000$
(Employee Discount (5\%) + Markdown $(\$ 18,000)$
- $\quad$ Shortage $(2 \%))=\$ 46,000$

$$
(0.05 \% \text { X } \$ 400,000=\$ 20,000
$$

- $\$ 18,000+$

$$
0.02 \% \text { X } \$ 400,000=\$ 8,000)=\$ 46,000
$$

- Planned EOM Stock $\$ 210,000$
$=$ Total Monthly Needs $\$ 656,000$
- BOM Stock \$90,000
$=$ Planned Purchase $\$ 566,000$
- Merchandise on Order \$170,000
$=$ Open-to-Buy (At Retail) \$396,000
B2. Average Monthly Sales
Monthly Planned Sales / \# of Months
$(\$ 300,000+\$ 200,000+\$ 300,000+\$ 200,000+\$ 400,000+\$ 250,000) /(6)$
\$1,650,000 / 6 = \$275,000
B3. Average Monthly on Order
All Merchandise on Order / \# of Months
$(\$ 125,000+\$ 15,000+\$ 145,000+\$ 35,000+\$ 170,000+\$ 24,000) /(6)$
$\$ 514,000 / 6=\$ 85,667$
B4. Markdown Percent per Month
$(\$ 18,000 / \$ 400,000) X(100)=4.5 \%$

|  | Planned <br> Sales | On Order | Employee <br> Discount | MD $\$$ | Shortage | EOM | BOM |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| July | $\$ 250,000$ | $\$ 24,000$ | $7 \%$ | $\$ 25,000$ | $3 \%$ | $\$ 70,000$ | $\$ 210,000$ |

July's Open-to-buy
B1. Open-to-buy for each money
Planned Sales \$250,000

- Planned Reductions $\$ 50,000$
(Employee Discount (7\%) + Markdown $(\$ 25,000)$
- $\quad$ Shortage ( $3 \%$ )) $=\$ 50,000$

$$
(0.07 \% \mathrm{X} \$ 250,000=\$ 17,500
$$

- $\$ 25,000+$
$0.03 \%$ X $\$ 250,000=\$ 7,500)=\$ 50,000$
- Planned EOM Stock \$70,000
$=$ Total Monthly Needs $\quad \$ 370,000$
- BOM Stock \$210,000
$=$ Planned Purchase $\$ 160,000$
- Merchandise on Order $\$ 24,000$
$=$ Open-to-Buy (At Retail) \$136,000
B2. Average Monthly Sales
Monthly Planned Sales / \# of Months
$(\$ 300,000+\$ 200,000+\$ 300,000+\$ 200,000+\$ 400,000+\$ 250,000) /(6)$
\$1,650,000 / 6 = \$275,000
B3. Average Monthly Order
All Merchandise on Order / \# of Months
$(\$ 125,000+\$ 15,000+\$ 145,000+\$ 35,000+\$ 170,000+\$ 24,000) /(6)$
$\$ 514,000 / 6=\$ 85,667$
B4. Markdown Percent per Month
$(\$ 25,000 / \$ 250,000) X(100)=10 \%$


## Part C

C1. After careful analysis of the following economic data from the U.S. government the Real Suits boutique set a sales plan increase for the next season (Feb-July) of $6.2 \%$. Based on this year's sales plan, what is the company's new projected sale plan for the next season?

## PLANNED SALES X SALES INCREASE \%

$($ Feb-July $)=\$ 1,650,000$ X $6.2 \%=\$ 102,300$

The planned increase in sales increased by $\$ 102,300$ for the next season. This is based on the sales increase of $6.2 \%$ over the 6 -month period.

C2. In the prior year same sales period the Real Suits boutique had actual sales of $\$ 1,820,000.00$. What was the increase/decrease for the sales period and suggest reasons for the change from one season to the next?

## ACTUAL SALES MINUS SALES INCREASE (IN DOLLARS AND PERCENT)

A. Dollar Amount $\$ 1,820,000-\$ 102,300=\$ 1,717,700$
B. Percent Amount $\$ 102,300 / \$ 1,717,700=0.05955638$
$0.059 \times(100)=5.9 \%$

The Percent amount is $5.9 \%$ decrease

The decrease for this sales period is a decrease of $5.9 \%$ or $\$ 102,300$. This could be due to increased competition or a lower number of events that people are needing suit-wear for.

## References

Higgins, S. (2020). The Straightforward Guide to Target Markets. Retrieved December 02, 2020, from https://blog.hubspot.com/sales/target-market

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