

# SMARTGLAM

*Your Fashion Assistant*



# Welcome to SmartGlam, where fashion meets innovation!

From generating detailed descriptions of fashion items to suggesting personalized improvements, we're here to elevate your fashion game.

Whether you're dressing for a special occasion, exploring global styles, or seeking the perfect Instagram caption, we've got you covered. Our goal is simple: to empower you with the tools and inspiration to express your unique style effortlessly.

Join us on this fashion voyage, where every outfit tells a story, and every moment becomes a fashion statement. Let's make your style journey unforgettable!

# CHALLENGES IN FASHION

1. **Decision Fatigue:** *The vast array of clothing options can lead to decision fatigue, making it challenging to choose the right outfit for each occasion.*
2. **Occasion-Specific Dressing:** *Determining the appropriate attire for various occasions, from formal events to casual outings, requires careful consideration.*
3. **Personalized Recommendations:** *Tailoring fashion suggestions to individual preferences, body types, and cultural backgrounds can be complex and time-intensive.*



HOW  
SMARTGLAM  
ENHANCES  
*your style  
experience*



# OUTFIT DESCRIPTION

Describe the style of the outfit based on it’s appearance.

×

How can I help you?

☒ Generate Description

☐ Suggest Improvements

☐ What occasion is this for?

☐ Help me dress for this occasion

☐ Find Similar dress

☐ Dress based on country


☐ Generate Instagram caption

☐ Miscellaneous

Deploy

⋮


Welcome to SmartGlam




Your Fashion Assistant...

🔗

Fashion Fingerprint




Upload an image of your outfit:

 Drag and drop file here


Limit 200MB per file • JPG, JPEG, PNG

Browse files

 dress\_B0006HJ91S.jpg

5.4KB

×



The dress in the image is a black, sleeveless maxi dress that features a V-neckline and a draped silhouette. It appears to be made of a stretchy fabric and has a fitted waistband. The woman is standing sideways with one hand on her hip and the other holding onto the hem of her dress, showing off the length and flow of the garment. She is also wearing high-heeled sandals which are partially visible beneath the hem of the dress.

Uploaded Image

# OUTFIT SUGGESTIONS

Receive personalized outfit recommendations tailored to your preferences, helping you discover new styles effortlessly.

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☐ Miscellaneous



Uploaded Image

Deploy

⋮

Welcome to SmartGlam 🦸‍♀️ 🦸‍♂️

Your Fashion Assistant...

Chic Guru 💡

Upload an image of your outfit:

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Browse files

 dress\_B0006HJ91S.jpg 5.4KB

×

## Level up your style with these tips!

Hey there! It's great that you have this sleek black dress. Here are a few suggestions to make it even more appealing:

- Add some sparkle:** Consider adding sequins or lace details around the neckline and waistband for a bit of extra glam.
- Pop of color with accessories:** You could add a vibrant clutch, perhaps in a bright shade like red or yellow, to complement your black dress.
- Layered necklace:** A delicate layered necklace could add an elegant touch without overwhelming the dress.
- Add some height:** Pairing the dress with high heels can elevate both you and the dress, adding a sense of drama.
- Finish with a statement earring:** A bold statement earring can draw attention to your face and tie the whole look together.

# GUESS THE OCCASION

Find out which occasion your dress can be appropriate for.

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Welcome to SmartGlam 🦸‍♂️ 🦸‍♀️

Your Fashion Assistant...


Event Enchanter 🎉

Upload a picture of your outfit:


 Drag and drop file here

Limit 200MB per file • JPG, JPEG, PNG

Browse files

 toptee\_B00AE4PFX .jpg 6.3KB

×



Uploaded Image

Hey there! This outfit seems perfect for a casual outing with friends or a laid-back date night. The black and white checkered sweater paired with the clean white pants is a classic yet stylish look that can be easily dressed up or down, depending on the occasion. It's versatile enough to take you from a cozy daytime event to a more glamorous evening. Plus, the crisp white jeans add an element of sophistication without being too formal. So go ahead and rock this style!



# DRESS ACCORDING TO THE OCCASION

Get suggestions on what kind of dress you could wear for a particular occasion.



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☐ Miscellaneous

RUNNING...

Stop

Deploy

⋮

## Festive Fashions 🌟

Enter the occasion for dressing up:

diwali

Select the types of suggestions you want:

Outfit ×

Accessories ×

Handbags ×

×

▼

Gender:

Female

☒ Generate Sample Image

Generate Suggestions

LLAVA Suggestion: Sure, here are some suggestions for Diwali outfits, accessories, and handbags based on the person's gender:

For Women: Outfit: Choose a traditional Indian outfit such as a saree, lehenga, or salwar suit in bold colors like red, gold, or green. You can also opt for a fusion outfit that combines Indian and western elements. Accessories: Accessorize your outfit with statement jewelry like earrings, necklaces, and bangles. Add a bindi or mehndi to complete the look. Don't forget a headscarf or dupatta to add an extra touch of elegance. Handbag: Carry a clutch or a small shoulder bag that matches your outfit. You can also opt for a traditional Indian bag like a pouch or a box-shaped bag.

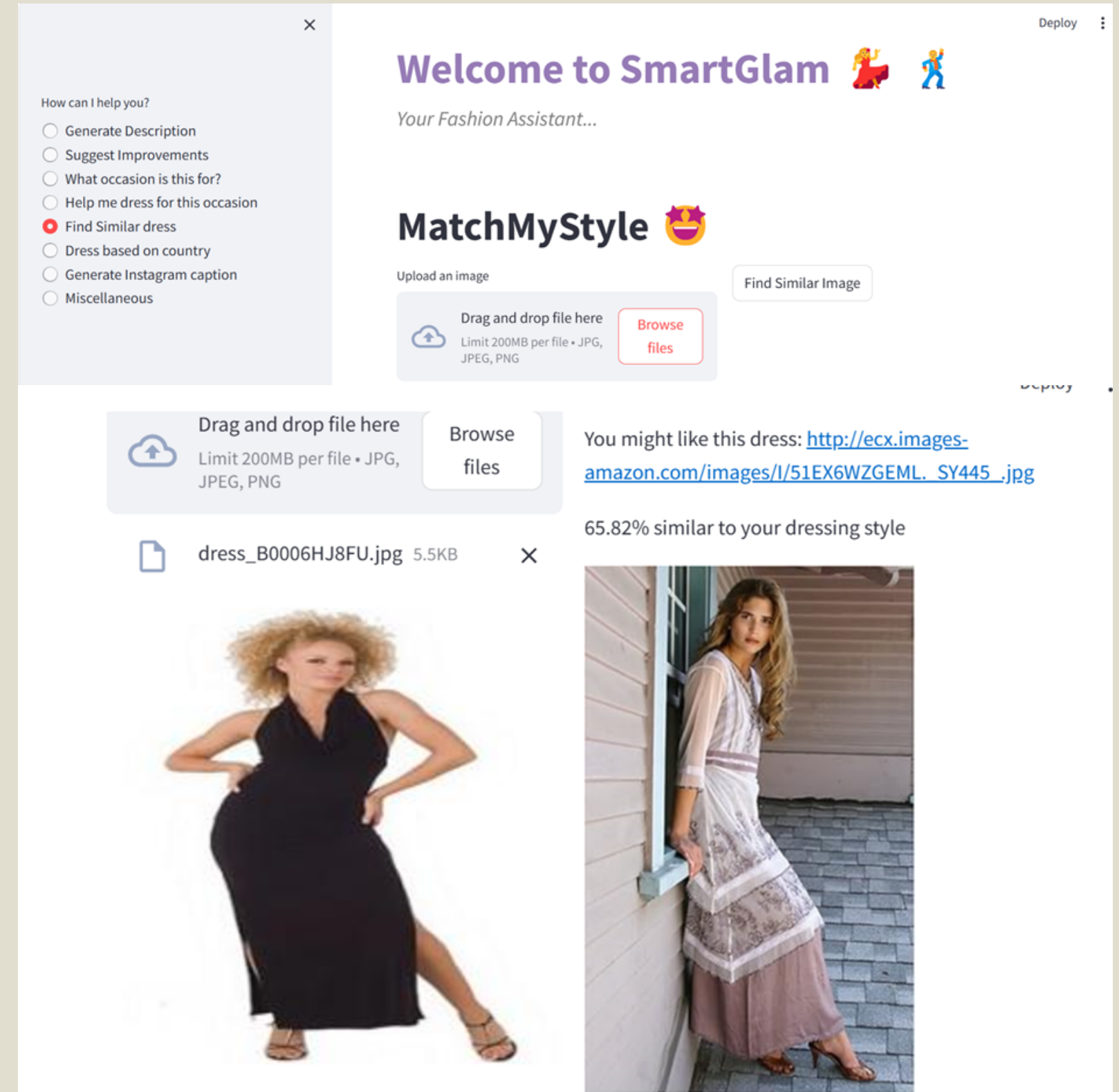
For Men: Outfit: Wear a traditional Indian outfit such as a kurta and churidar, or a suit with a crisp white shirt. You can also choose a fusion outfit that combines Indian and western elements. Accessories: Accessorize your outfit with a wristband, watch, or a turban. Add a garland of marigold flowers to complete the look. Handbag: Carry a messenger bag or a briefcase that matches your outfit. You can also opt for a traditional Indian bag like a juttis or a mochis.

Remember to choose accessories and handbags that complement your outfit and add to the overall festive look. Happy Diwali!



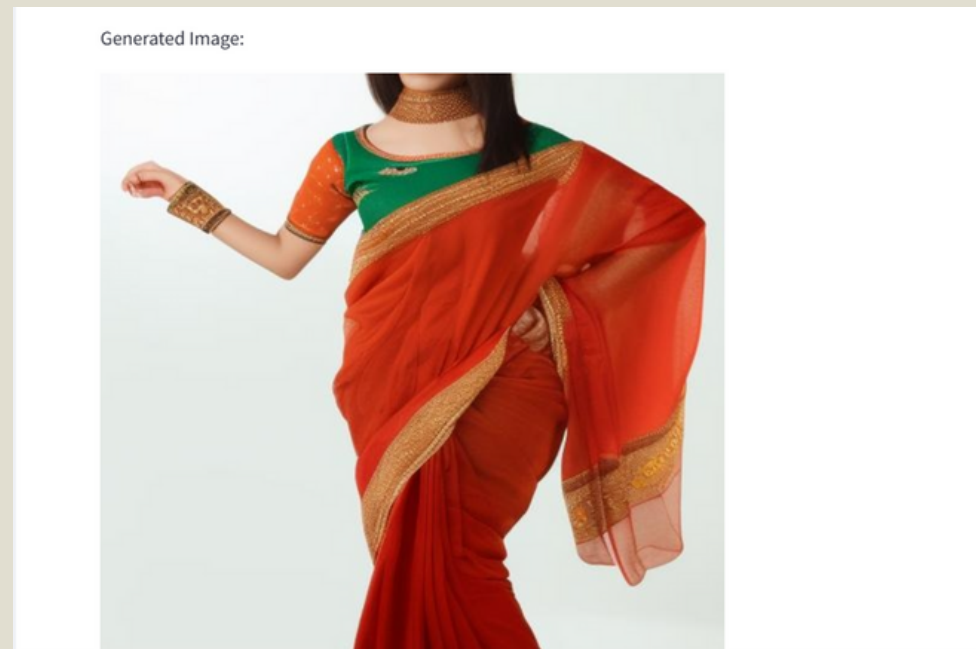
# FIND A SIMILAR DRESS

Identifies a person's dressing style and suggests a similar dress from a database. **For demo purposes**, a small dataset of 150 images containing dresses, tees and shirts have been used. The performance for this feature can be improved by expanding the dataset or access images directly from the internet.



# DRESS BASED ON COUNTRY

Explore fashion choices inspired by different countries and cultures, adding diversity and flair to your wardrobe.



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Deploy

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Welcome to SmartGlam 🇮🇳 🧑

Your Fashion Assistant...

Fashion Voyage 🌐

Enter the name of the country you want to dress like:

india

Select your gender:

Female

Generate Suggestions

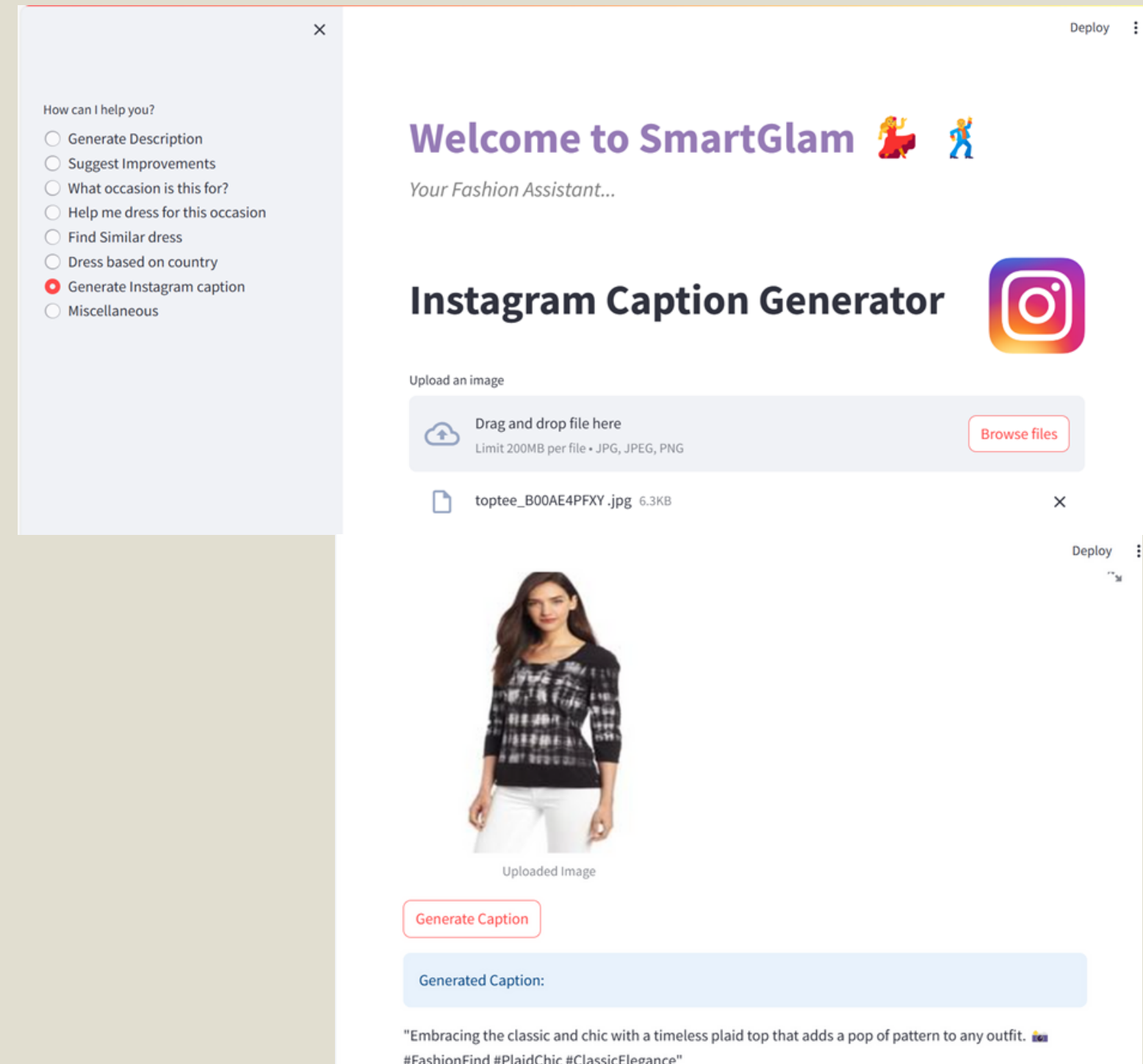
LLAVA Suggestion: India is known for its diverse cultural heritage, and there are many traditional outfits that are perfect for women in India. Here are some suggestions:

1. Saree - A classic Indian outfit, the saree is a long, draped garment made of silk or other materials. It can be worn with a blouse of your choice and paired with jewelry like bangles, necklaces, and earrings to complete the look.
2. Salwar Kameez - A traditional Indian outfit, the salwar kameez consists of a long tunic top (kameez) and fitted pants (salwar). It can be made from various fabrics such as cotton, silk, or chiffon. Accessories like dupattas, headscarves, and jewelry can add to the overall look.
3. Lehenga - A traditional Indian outfit that is perfect for weddings and other festive occasions. The lehenga consists of a long skirt (lehenga), a fitted blouse (choli), and a dupatta. It can be made from various fabrics such as silk, chiffon, or georgette. Accessories like jewelry, headscarves, and embroidered shoes can complete the look.
4. Kurti - A simple yet elegant Indian outfit that can be worn for casual outings or formal events. The kurti is a long tunic top made from cotton, silk, or other fabrics. It can be paired with churidar pants or leggings and accessorized with jewelry, dupattas, and headscarves.

These are just a few suggestions for Indian traditional outfits that women in India can consider wearing. The choice of outfit will depend on the occasion and personal style preferences.

# GENERATE INSTAGRAM CAPTIONS

Are you wearing your favourite dress and confused on what captions to post on Instagram? Fret not! SmartGlam effortlessly creates engaging and captivating captions for your social media posts, enhancing your online presence with creative flair.





# MISCELLANEOUS

Couldn't find what you need? Try out the miscellaneous option to chat with SmartGlam. Get answers to fashion-related queries, seek suggestions for improvements, and access a range of helpful tools to enhance your style journey.

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Welcome to SmartGlam

Your Fashion Assistant...


Image-Based Question Answering

Ask your question:

what colour do you think suits for this dress?

Upload an image

?

 Drag and drop file here

Limit 200MB per file • JPG, PNG, JPEG

Browse files

Answer: The dress in the image is black. Suits for this type of dress typically include a matching top and bottom. Some options could be a classic black suit, a navy blue or gray suit to create contrast, or even a bolder color such as red, green, or a patterned suit if one prefers a more daring look. Ultimately, the choice depends on personal style preferences and the formality of the event where the outfit will be worn.

# TOOLS AND TECHNOLOGIES

- **llava:7b-v1.6-mistral-q5\_K\_M**: Image to Text
- **Adrenex/fastgen**: Text to image
- **Streamlit**: UI
- **VS Code**

# FUTURE WORKS

1. Enhanced Personalization
2. Integration with Social Platforms
3. Real-time Fashion Updates
4. Feedback Mechanism

**DEPLOYMENT LINK**

**GITHUB REPO**



*THANK*  
*You*