



*Problem Statement Title:*  
*Conversational Fashion Outfit Generator powered by GenAI*  
*Team Name:*  
*ATOMIC24*

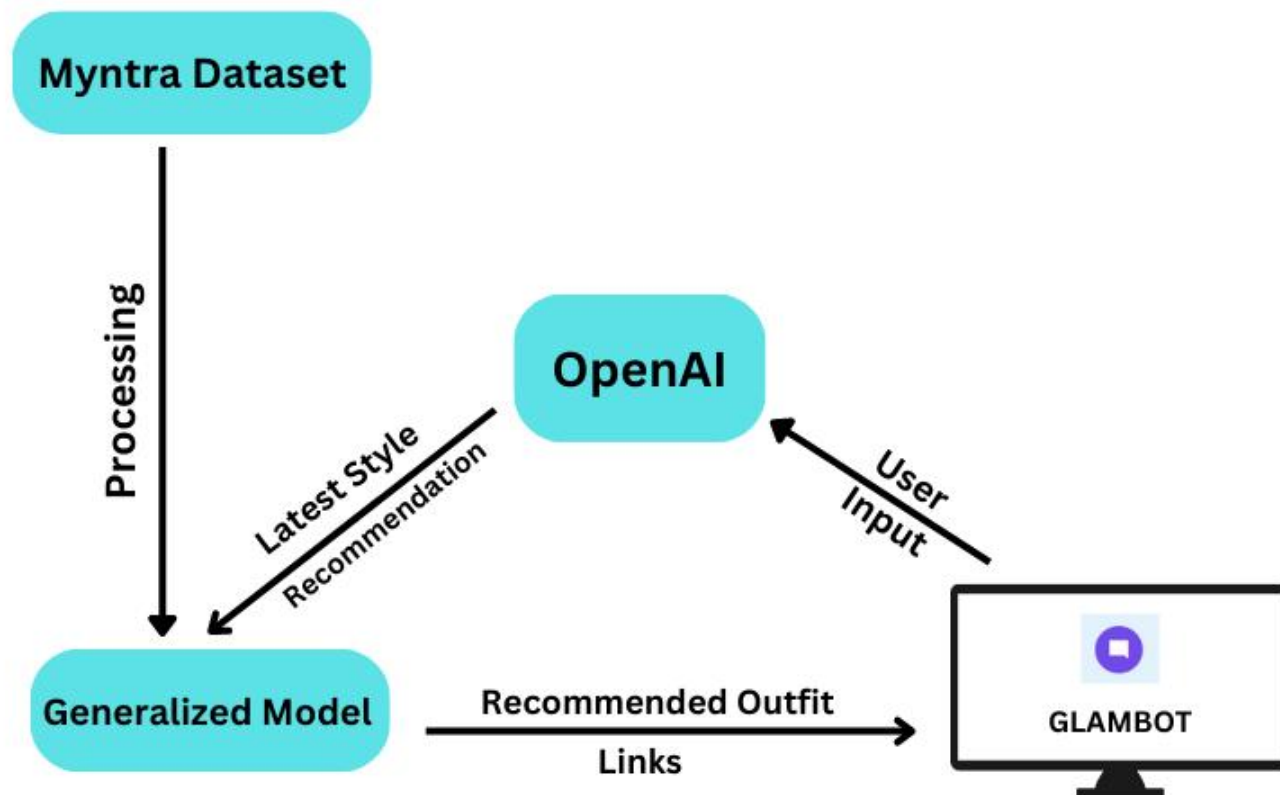
# Team members details

Team Name	ATOMIC24		
Institute Name/Names	Kalinga Institute of Industrial Technology , Bhubaneswar		
Team Members >	1 (Leader)	2	3
Name	Sweekriti Pant	Sanskar Jain	Aashish Kumar
Batch	2020-2024	2020-2024	2020-2024

# Use-cases

- Trendy Fashion Suggestions
- Occasion-Based Outfits
- Virtual Wardrobe
- Styling Tips
- Gift Ideas
- Influencer Collaboration

# Block Diagram



# Solution statement/ Proposed approach

**Problem:** People often struggle with creating stylish outfits and seeking fashion inspiration.

**Solution:** Glambot suggests trendy outfit ideas, helping users overcome outfit dilemmas and discover new looks effortlessly.

**Problem:** Online shopping for fashion can be overwhelming due to countless options.

**Solution:** Glambot offers curated fashion suggestions and provides direct links to purchase, streamlining the shopping experience and saving time.

**Problem:** Individuals may find it challenging to define and express their personal style.

**Solution:** Glambot tailors outfit recommendations based on user preferences, guiding them towards outfits that resonate with their unique style identity.

# Limitations

- **Bias in Data:** If the training data is biased towards certain styles, brands, or demographics, the recommendations may not accurately reflect diverse user preferences.
- **Subjective Preferences:** Fashion is subjective, and users' preferences can be complex. The model might not always understand nuanced requests or individual fashion sensibilities accurately.
- **Limited Data:** Lack of purchase history dataset led to decrease in model's personalized recommendation accuracy .

# Future Scope

- **Wardrobe Integration:** Enable users to upload images of their existing wardrobe, allowing the AI to suggest outfits that incorporate their current clothing items.
- **Multi-Platform Integration:** Expand the generator's compatibility to various e-commerce platforms, allowing users to get personalized outfit recommendations from different retailers.
- **Real-Time Social Media Analysis:** Incorporate real-time social media data analysis to provide users with up-to-the-minute fashion recommendations based on the latest trends and influencers.
- **AI Fashion Assistant:** Develop a standalone AI fashion assistant that users can interact with via voice or text across various platforms, including smartphones, smart speakers, and wearables.



*Thank You*