What is E-Shop with Virtual Try-on?
The E-Shop with Virtual Try-On combines the functionality of an e-commerce platform with a virtual try-on feature, specifically tailored for selling women’s clothing and fast-fashion products.

What can E-Shop Solve?
The E-Shop can solve several challenges and bring numerous benefits to both businesses and customers:
- **Breaking Barriers**: E-Shop will eliminate the geographical barriers.
- **Cost Efficiency**: Running an E-Shop is generally more cost-effective than maintaining a brick-and-mortar store.
- **Enhanced Customer Experience**: E-Shop offers a personalized and convenient shopping experience.
- **Data-Driven Insights**: E-Shop collects valuable data on customer behavior, preferences, and purchasing patterns.
- **Market Competition**: By leveraging virtual try-on, decrease the intangible shopping experience and gain a competitive edge in the market.

The E-Shop’s Features
- Full framework E-Commerce:
  - Virtual Try-on
  - Customer Behavior Analysis
  - Customer Purchasing Recommendation
  - Web Scraping
  - Competitive Analysis

Virtual Try-on

Image Preprocessing
- Open Pose
- Human Parse
- Dense Pose
- Parse Agnostic
- Human Agnostic
- Clothing Warping
- Tryon Inference

Benefits of Web-Scraping
- Competitive Analysis
- Market Trend Analysis
- Price Optimization

Tools Used

Conclusion
- E-Shop demonstrates the innovative integration of a Virtual Try-On feature, designed to enhance the online shopping for the users.
- The use of technologies like Flask and MySQL strengthens that platform’s efficiency and competitiveness.
- E-shop represents a significant step forward in combining retail with digital innovation for a superior shopping experience.