

Case Study: Powering Augmented Reality Fashion with Precise Pixel-Level Annotation

LexData Labs

The Challenges:

- Required pixel-level segmentation for accurate AR overlays.
- Faced high variability in clothing styles, poses, and cuts.
- Motion blur, occlusion, and complex designs made labeling difficult.

Our Solutions:

- Segmented lower-body apparel and footwear with pixel-level precision.
- Applied consistent class-based labels to each garment component.
- Maintained high accuracy despite blur, occlusion, and asymmetry.



The Results:

- Boosted AR accuracy with pixel-perfect segmentation data.
- Enabled seamless, realistic virtual try-ons aligned with movement.
- Powered fashion AI for styling, fit, and interactivity.
- Ensured consistent AR performance across poses and garments.

Want to Elevate Your AR or Fashion-Tech AI?

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