

Bias Mitigation and Dataset Fairness

- **Why it matters:** VLMs trained on web-scale data often inherit social, gender, and cultural biases.
- **Risks:**
 - Stereotyping, exclusion, misinformation
 - Negative impact in education, hiring, or healthcare
- **Approaches:**
 - Curated datasets with diverse representation
 - Post-hoc debiasing techniques and fairness audits
- **Goal:** Ensure VLMs are ethical, inclusive, and fair.