Data Analytics & Forecasting

Use: Forecasts displacement, food insecurity, and other critical trends for humanitarian planning.

Benefits:

- Improves targeting of aid to the most affected populations.
- Enables anticipatory response to crises before they escalate.

Risks and Mitigations:

- **Exclusion of Groups**: marginalized communities may be underrepresented in data + Independent audits and transparent methodologies.
- **Faulty Predictions**: outdated data may produce incorrect forecasts + Continuous dataset updates and real-world validation.
- **Skewed Policymaking**: results may be politicized to justify biased decisions + Stakeholder involvement from local communities.