

# Vishwas

Trust, Fairness & Explainability. Complete AI governance for Indian context—bias detection, fairness verification, and decision transparency.

**Fair. Explainable. Auditable. Trust built in.**

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6

BIAS DIMENSIONS

4

REGULATIONS COVERED

22

LANGUAGES SUPPORTED

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# Global Fairness Tools Miss India

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AI fairness tools built for Western contexts don't understand India's unique social dimensions. **Bias that matters here is invisible to imported solutions.**

## Caste is Invisible

Global fairness tools have no concept of caste. Names, locations, and educational institutions encode caste in ways that create systematic discrimination invisible to standard bias detection.

## Religion Unaddressed

Religious identity influences AI decisions through names, dietary preferences, and location patterns. Without explicit detection, this bias goes unmeasured and uncorrected.

## Regional Disparities

North-South, urban-rural, Hindi-belt vs. vernacular regions—Indian geographic divides create disparate AI outcomes that Western fairness metrics cannot capture.

## Regulatory Gap

RBI, SEBI, IRDAI require fairness. DPDP Act mandates transparency. But no tool provides India-specific compliance documentation. Auditors have nothing to audit.

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You can't fix bias you can't see. [Vishwas makes Indian bias visible.](#)

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## The Vishwas Solution

Vishwas provides India-specific bias detection, fairness verification, and explainability—built for the dimensions that matter here.

## 6 bias dimensions tracked

Caste, religion, region, gender, economic status, and intersectional combinations—all monitored continuously.

## Vernacular explainability

Explanations in 22 Indian languages. Citizens understand why AI decided what it did.

## Regulatory compliance ready

Pre-configured for RBI, SEBI, IRDAI, and DPDP Act. Audit-ready documentation generated automatically.

## RTI response templates

When citizens ask "Why was I rejected?", Vishwas generates legally compliant, human-readable answers.

# Fairness Capabilities

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01

## Caste Detection

Detect caste signals in names, locations, educational institutions. Surface hidden discrimination patterns.

02

## Religion Analysis

Identify religious bias through name patterns, dietary indicators, and geographic correlations.

03

## Regional Fairness

North-South, urban-rural, Hindi vs. vernacular—measure and correct geographic disparities.

04

## Gender Intersection

Gender bias amplified by caste, religion, and region. Track intersectional discrimination.

05

## Economic Status

Detect economic bias through transaction patterns, address signals, and language markers.

06

## Intersectional View

Combined analysis across all dimensions. Dalit woman from rural Bihar faces different bias than urban Brahmin man.

## Explainability Capabilities

07

## Decision Audit Trails

Every AI decision logged with full reasoning chain. Cryptographically signed. Tamper-evident.

08

## Counterfactual Answers

"What would I need to change to get approved?" Actionable explanations for rejected applications.

09

## Vernacular Explanations

Generate explanations in Hindi, Tamil, Telugu, Bengali, and 18 more languages. Citizen-accessible.

10

## RTI Templates

Auto-generate RTI-compliant responses. When citizens request explanations, you're ready.

# Compliance Coverage

## RBI AI Guidelines

- Algorithmic fairness documentation
- Credit decision explainability
- Bias monitoring reports
- Model governance evidence

## SEBI Regulations

- Fair treatment verification
- Investment advice transparency
- Customer outcome analysis
- Suitability documentation

## IRDAI Guidelines

- Underwriting fairness
- Claims decision transparency
- Non-discrimination proof
- Premium fairness audit

## DPDP Act 2023

- Automated decision disclosure
- Right to explanation support
- Consent-aware processing
- Purpose limitation tracking

## RTI Act Readiness

- Decision documentation
- Reasoning chain storage
- Response template generation
- 30-day compliance support

## CAG Audit Support

- Government AI transparency
- Public expenditure AI audit
- Scheme fairness verification
- Beneficiary selection review

## Comparison

Capability	Global Fairness Tools	Vishwas
Caste bias detection	Not supported	Native capability
Religious bias analysis	Limited	India-specific patterns
Regional disparity tracking	No	State & district level
Vernacular explanations	English only	22 Indian languages
Indian regulatory compliance	Not applicable	RBI, SEBI, IRDAI, DPDP
RTI response generation	No	Auto-generated templates

# Deployment & Integration

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## API Integration

Call Vishwas APIs from existing ML pipelines. Real-time bias scoring.

## Model Wrapper

Wrap existing models with Vishwas layer. No retraining required.

## Batch Analysis

Analyze historical decisions. Surface hidden bias in past data.

## Dashboard

Executive fairness dashboard. Board-ready reports. Trend analysis.

## Integration Options

- Python SDK with type hints
- MLflow integration
- Spark connector for batch
- REST API for any language
- Kubeflow pipeline support
- Kafka streaming analysis

## Use Cases

- Loan underwriting fairness
- Government scheme selection
- Education admissions
- Insurance claims decisions
- HR recruitment screening
- Healthcare triage systems

## Ready for Fair AI?

Fair. Explainable. Auditable. Trust built in.

[Request Demo](#)

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