AI in Education in Latin-America

Overview of Policy, Initiatives, Challenges, and Ethics

AI Technical Leader & Educator

Public Policy and Regulation

AI is recognized as a national priority (Colombia CONPES 4144).

Focus on strengthening AI skills across the population.

Colombia Bill No. 43/2025 aims for ethical and responsible AI.

Integration of AI education across all levels of schooling.

Focus on Equity

- Reduce digital access and knowledge gaps.

- Ensure students from all regions can engage with AI.

- Promote teacher development and ongoing training.

Colombian
National AI
Day
(Oct 2, 2025)

- Nationwide learning and reflection event on AI.

- Encourages creativity, critical thinking, and collaboration.

- Culminates in student AI-based community-driven projects.

Student AI Projects

Examples include:

- Sharing Local culture using AI.
- Environmental sustainability applications.
- Enhancing inclusion and community improvement.

Challenges in Implementation

- Unequal access to internet and technology.

- Differences in digital literacy among students.

- Limited teacher training in public institutions.

Collaboration with Private Sector

- Private sector drives innovation and competitiveness.

- Supports research and technology transfer.

- Public-private collaboration is encouraged by national policy.
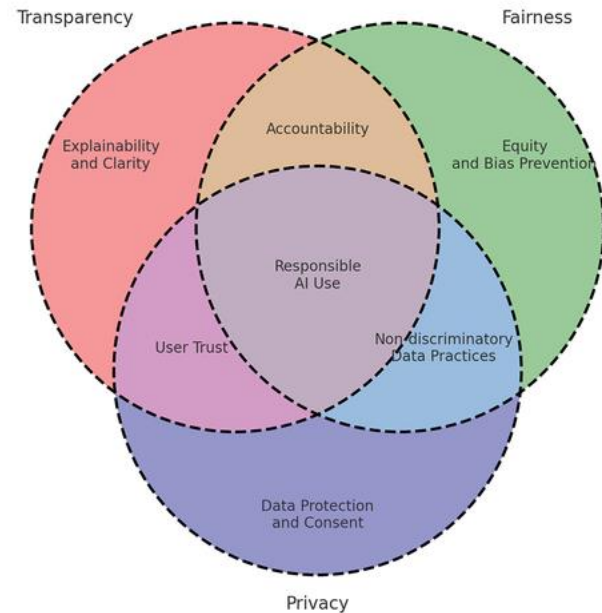

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Ethical Principles in AI Education

- Respect for human dignity and rights.
- Transparency, fairness, and inclusion.
- Human oversight and safe, responsible use.
- Awareness of risks (privacy, bias, environmental impact).

Ethical Considerations in AI Development: Venn Diagram

Transparency

Fairness

Accountability

Explainability and Clarity

Equity and Bias Prevention

Responsible AI Use

User Trust

Non-discriminatory Data Practices

Data Protection and Consent

Privacy

Conclusion

AI in education represents an opportunity for transformation in Latinamerica.

Implementation must be ethical, inclusive, and equitable.