Project scope

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Community & UN SDG(s):	**SDG 15**: Life on Land – Protecting forests and biodiversity. **SDG 13:** Climate Action
Date:	02/06/2025

Project Name	Deforestation Data Platform – A Power BI-based multi-page report for tracking global deforestation trends
Project Deliverables	
Data Collection & Integration	Gathering & Standardizing Data - Collect deforestation datasets from different online platforms (Kaggle, Government Sites, Research Papers, Other Sources) - Standardize formats for Power BI compatibility and ensure consistency in units, geography, and timestamps. Automating Data Updates - Ensure seamless integration with Power BI's refresh schedule to keep reports updated.
Power BI Dashboard Development	Multi-Page Dashboard Creation - Design interactive Power BI dashboards with multiple pages showcasing deforestation insights. - Structure reports to focus on historical trends, real-time alerts, and regional comparisons. Analytics/Insights - Analyze deforestation rates and affected biodiversity and effects on sustainability. - Implement trend analysis, statistical breakdowns, and predictive modeling to highlight key findings. - Provide customizable filters and drill-down options for deeper insights.
Project Exclusions	

- **No direct policy implementation** - The platform provides insights but does not enforce regulations or laws.
- **No proprietary or confidential datasets** - Only open-source and publicly available data sources will be used.
- **No mobile app development** - The project focuses on a Power BI-based dashboard, not a standalone mobile application.
- **No real-time satellite data generation** - The platform may visualize existing satellite data but does not generate new satellite imagery.
- **No advanced AI-driven predictive modeling** - The analytics will be based on historical and real-time data but will not include complex AI-driven forecasting beyond basic trends.
- **No offline access** - The dashboard will be cloud-based and will require an internet connection to access and update data.