

Government Problem Statement

5.	Problem Statement Title	Consolidation of land using AI-based Algorithms to augment the Chakbandi process in Uttar Pradesh.
	Description	<p>The Consolidation of Land using AI-based Algorithms aims to enhance the traditional Chakbandi process in Uttar Pradesh, which involves the reorganization of fragmented agricultural land into more manageable and productive plots. The Chakbandi process, while essential for improving land efficiency, has historically been slow and complex. By integrating AI-based algorithms, the consolidation process can be automated, accelerating decision-making and optimizing land redistribution based on factors like land quality, proximity, and usage patterns.</p> <p>AI algorithms can analyze satellite data, historical land records, and current land conditions to suggest optimal land consolidation plans. This approach promises to reduce human errors, improve efficiency, and ensure fairer distribution of land among farmers, ultimately boosting agricultural productivity and rural development.</p>
	Department	Chakbandi Directorate, Revenue Department
	Sector	Chakbandi (Consolidation of Land Parcels)