TECH TITANS

Problem Statement: Real-time Fish Catch Prediction

Fishermen rely on intuition, leading to inconsistent catch volumes, fuel waste, and safety risks. There's a critical need for real-time, AI-driven guidance for efficient and sustainable fishing.

Team Members:

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Impact & Outcome

Expected Results:

- **Up to 30% increase** in fish catch efficiency.
- **Reduction** in fuel and labor costs.
- **Improved income stability** for fishermen.
- **Enhanced marine sustainability**.
- **Better data access** for policymakers.

Beneficiaries:

- **Fishermen & Fishing Communities:** More catch, less cost, better planning.
- **Government & Marine Agencies:** Real-time fishery trends.
- **Environmental NGOs:** Tool for sustainable practices.
- **Seafood Industry Stakeholders:** Predictable supply chain.

1	Lakshadweep	Seaweed Cluster
2	Madurai, Tamil Nadu	Ornamental Fisheries
3	Hazaribagh, Jharkhand	Pearl Cluster
4	Andaman & Nicobar Islands	Tuna Cluster
5	Soreng, Sikkim	Organic Fisheries Cluster
6	Anantnag, Jammu & Kashmir	Coldwater Fisheries Cluster
7	Sirsa,Haryana	Saline Water Aquaculture Cluster
8	Bhopal, Madhya Pradesh	Reservoir Fisheries Cluster
9	Raipur, Chhattisgarh	Tilapia Cluster
10	Siwan, Bihar	Wetland Fisheries Cluster
11	Siddharthnagar, Uttar Pradesh	Pangasius Cluster
12	Balasore, Odisha	Scampi Cluster
13	Bhimavaram, Andhra	Brackish Water Aquaculture