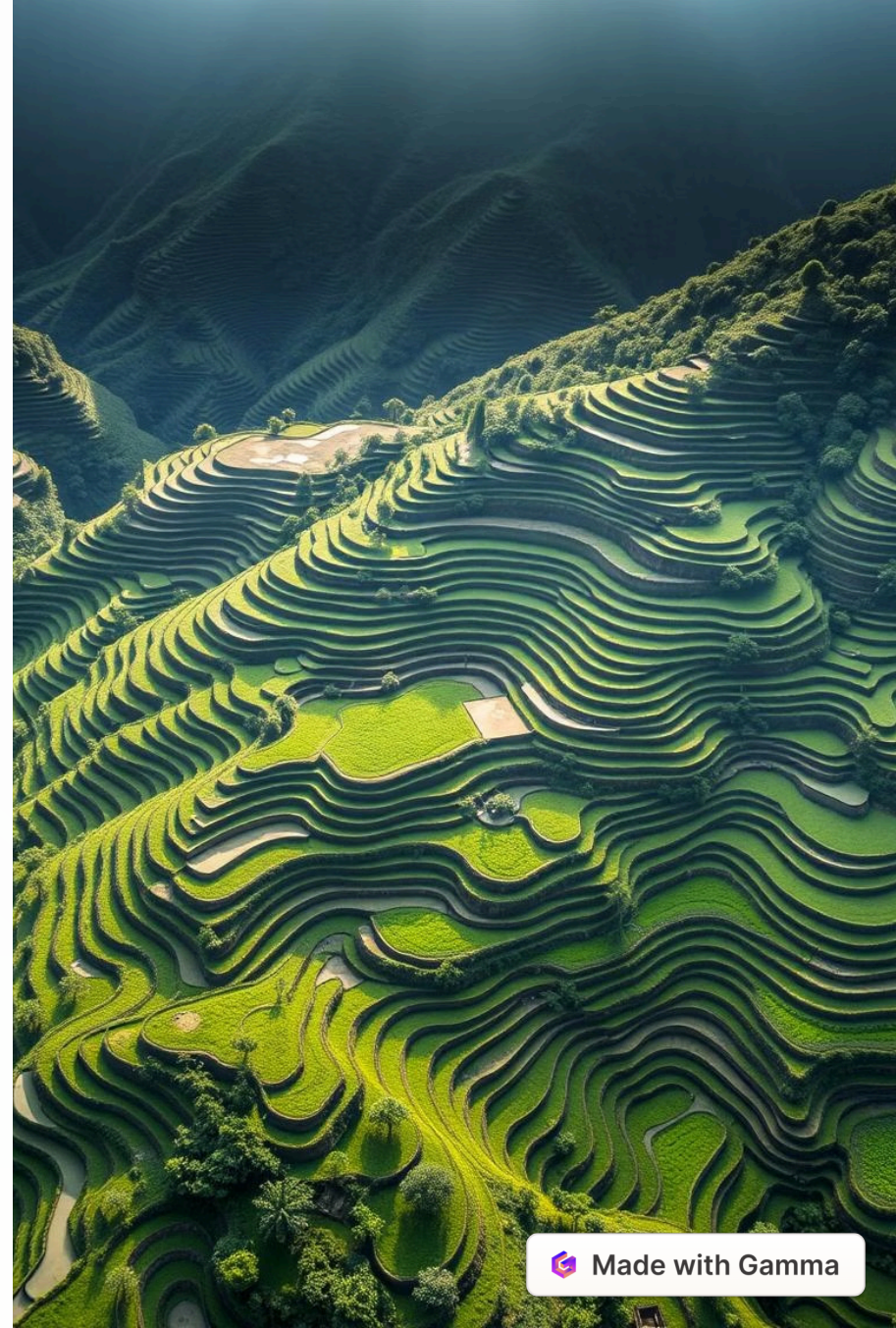
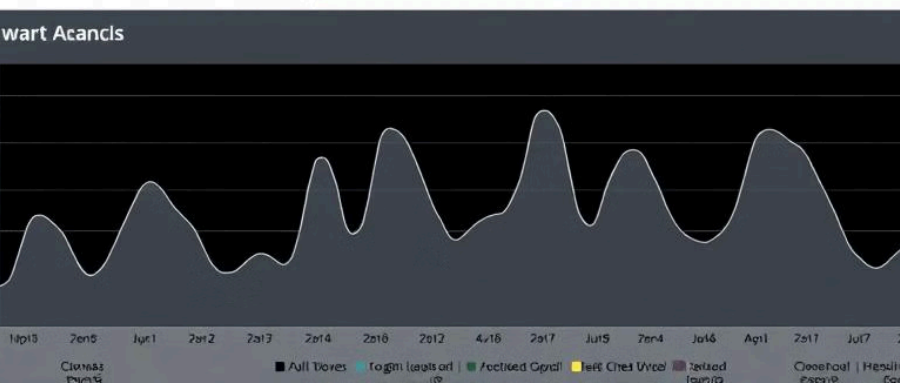
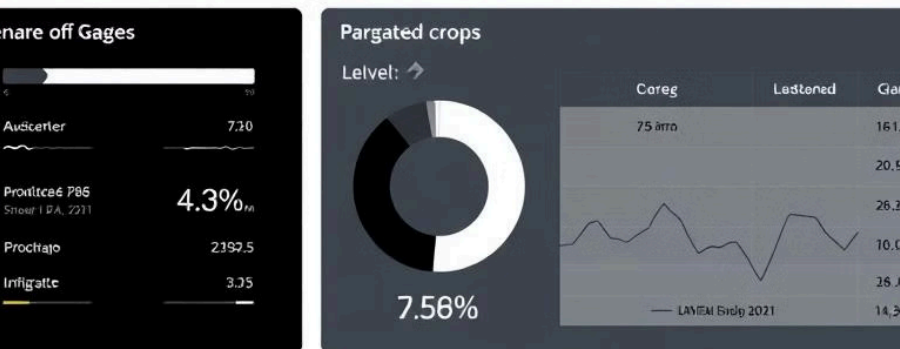
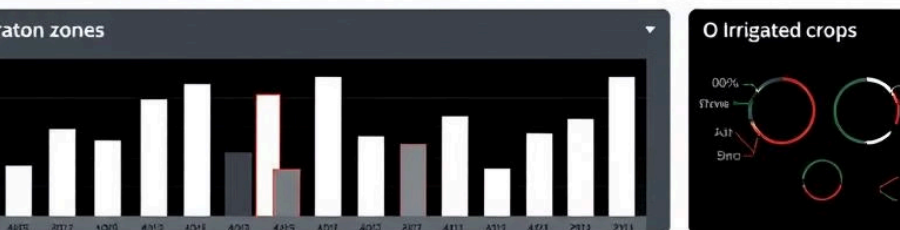
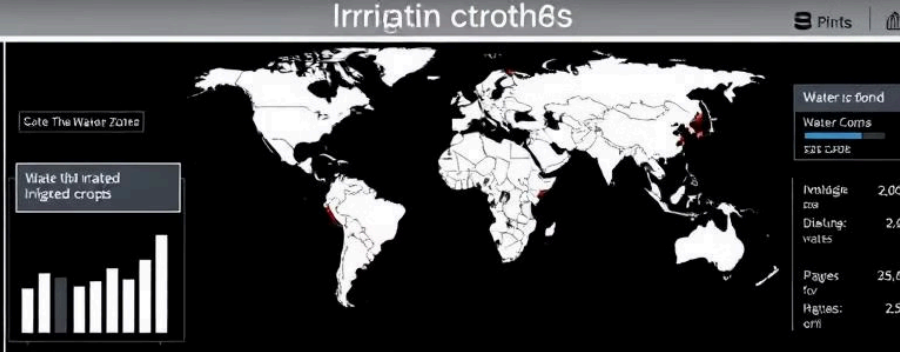


Uttarakhand Surface Lift Irrigation Census

Analysis of lift irrigation schemes in Uttarakhand. The dataset includes scheme construction, ownership, and operating statistics.

 by Akshith K





Dataset Overview

1

Data Source

6th Minor Irrigation Census.

2

Scope

Surface lift irrigation schemes in Uttarakhand.

3

Key Metrics

Construction, ownership, expenditure, and operation.

Data Exploration

Dataset Size

613 entries with 58 columns.

Missing Values

Many columns have missing data.

Unique Districts

Data covers 12 districts.



Scheme Status

Functional Schemes

Majority of schemes are functional.

Non-Functional Schemes

Some schemes are temporarily or permanently out of use.

Cost Analysis



Construction

Mean cost: ₹428,041.9.



Machinery

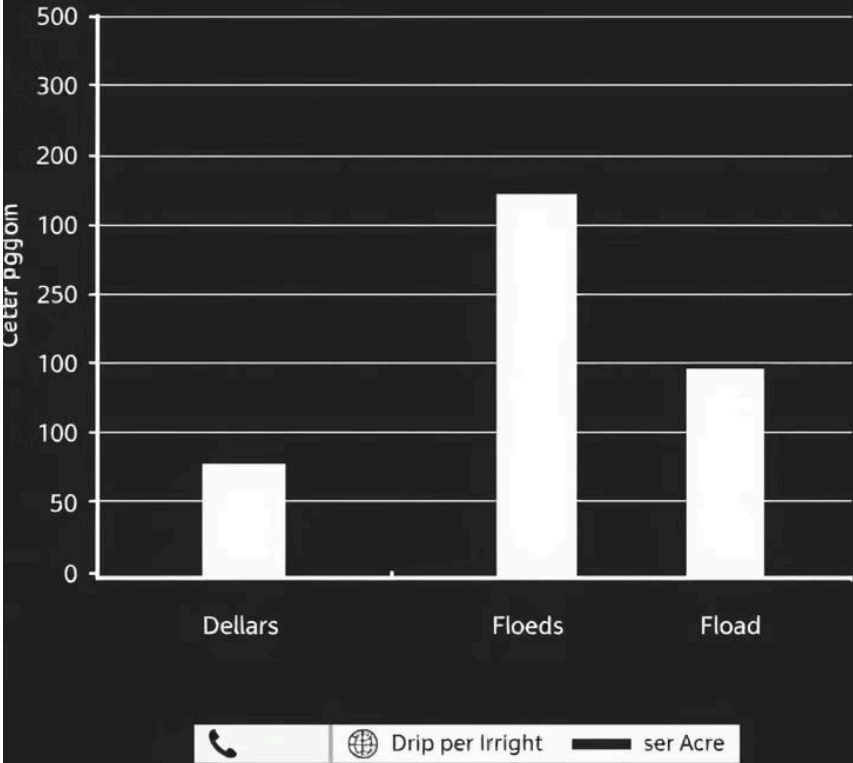
Mean cost: ₹149,935.3.



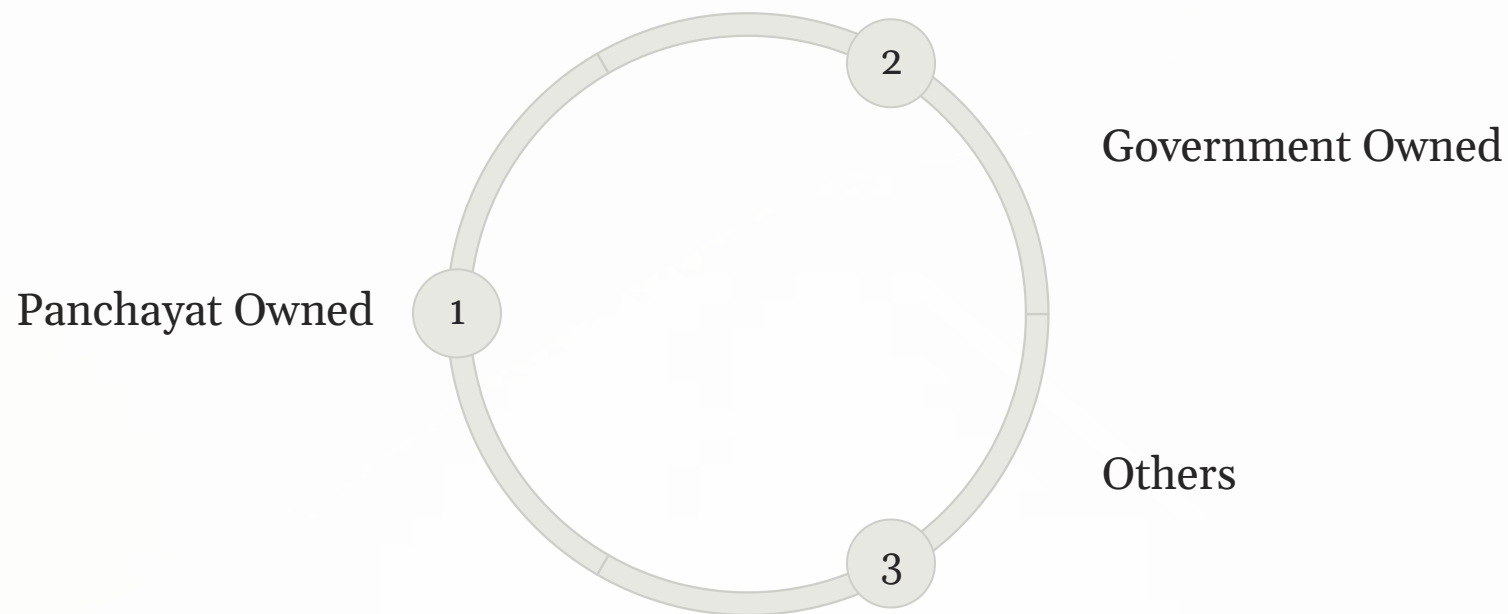
Maintenance

Mean cost: ₹4,244.4.

Irrigation Costs



Scheme Ownership



Seasonal Operation



Kharif Season

Rabi Season

Perennial Season

Other Seasons

CROP CALENDAR

Seasonal cycles control for se farm annually.

CALING

This day (seeds) control the seed quality and the seed yield of the crop.

ROF 12-14

This day (seeds) control the seed quality and the seed yield of the crop.

CANON

This day (seeds) control the seed quality and the seed yield of the crop.

TAF 13-10

This day (seeds) control the seed quality and the seed yield of the crop.

SIOPT 23-30

This day (seeds) control the seed quality and the seed yield of the crop.

WEUET

This day (seeds) control the seed quality and the seed yield of the crop.

Spring Summer → →

Son	Weid	Fdfl	Wek	Ten	Fdl	Fst	Sur
			1		1	1	2
1	2	2	3	4	5	9	10
14	13	14	15	16	10	21	21

14 Sprators of the from crop value plens traisior needs crop here.

I lunge find comite crop crop agrin.

→ Autumnn → →

Soon	Weid	Tate	Weset	Tow	Tue	Eof
					15	
1	3		1	2		4
13	9	40		26	21	13

14 Sprators of the from crop value plens traisior needs crop here.

I lunge find comite crop crop agrin.

Winter ← Winter

Son	Weid	Tate	Fdl	Surm	Tue	Weset	Tow
1	2	4	3		1	3	9
19	14	14	15	14	11	13	14
26	17	28	20	25	17	23	39

14 Sprators of the from crop value plens traisior needs crop here.

I lunge find comite crop crop agrin.

Made with Gamma



Key Observations

Data Gaps

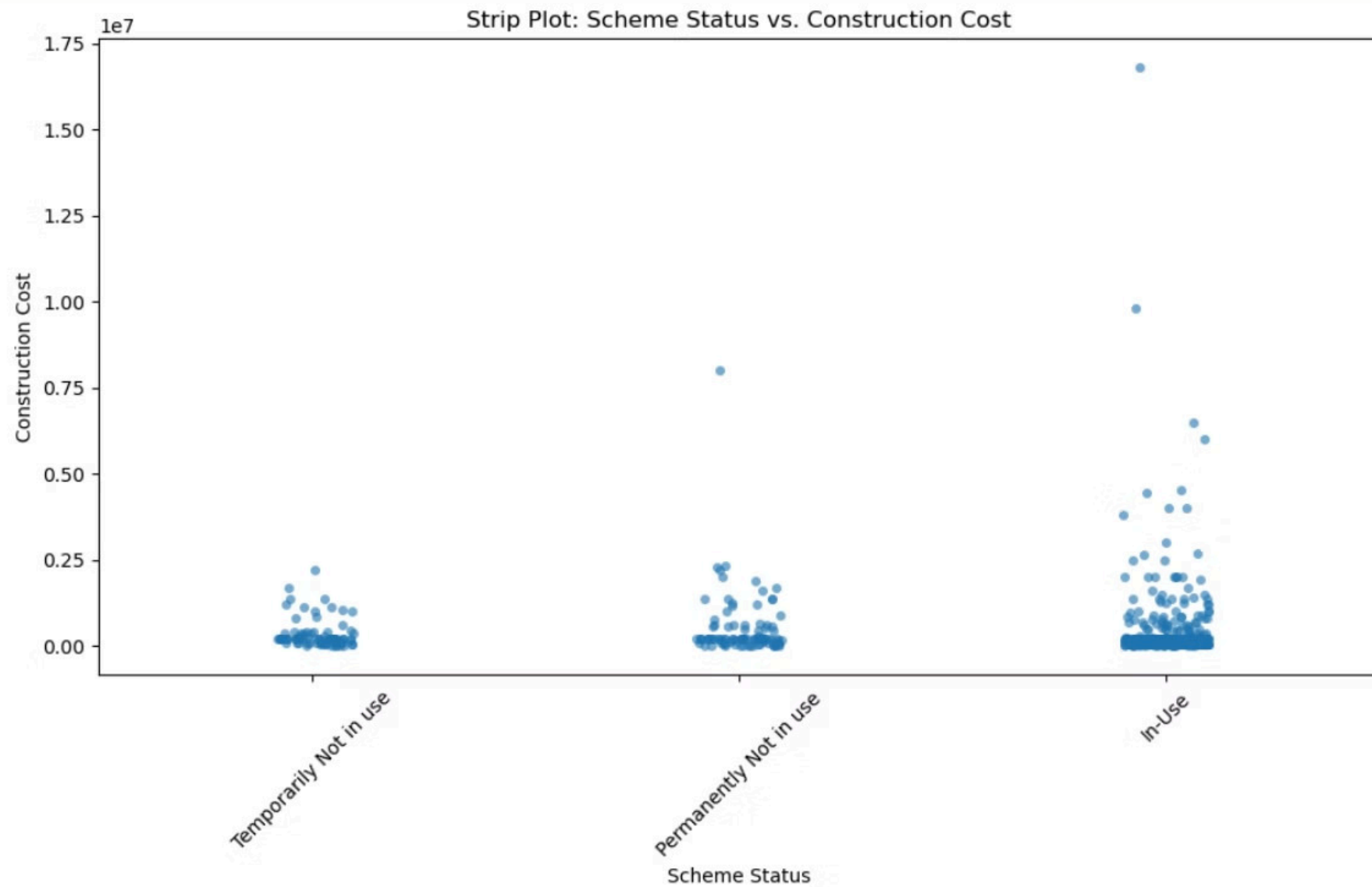
Missing data on funding sources and storage.

Operational Status

Many schemes are non-functional.

Regional Disparities

Variations in water resource management.



Correlation Matrix of Scheme Costs

