

Exploratory Analysis of RainFall Data in India for Agriculture

What do they **THINK AND FEEL?**

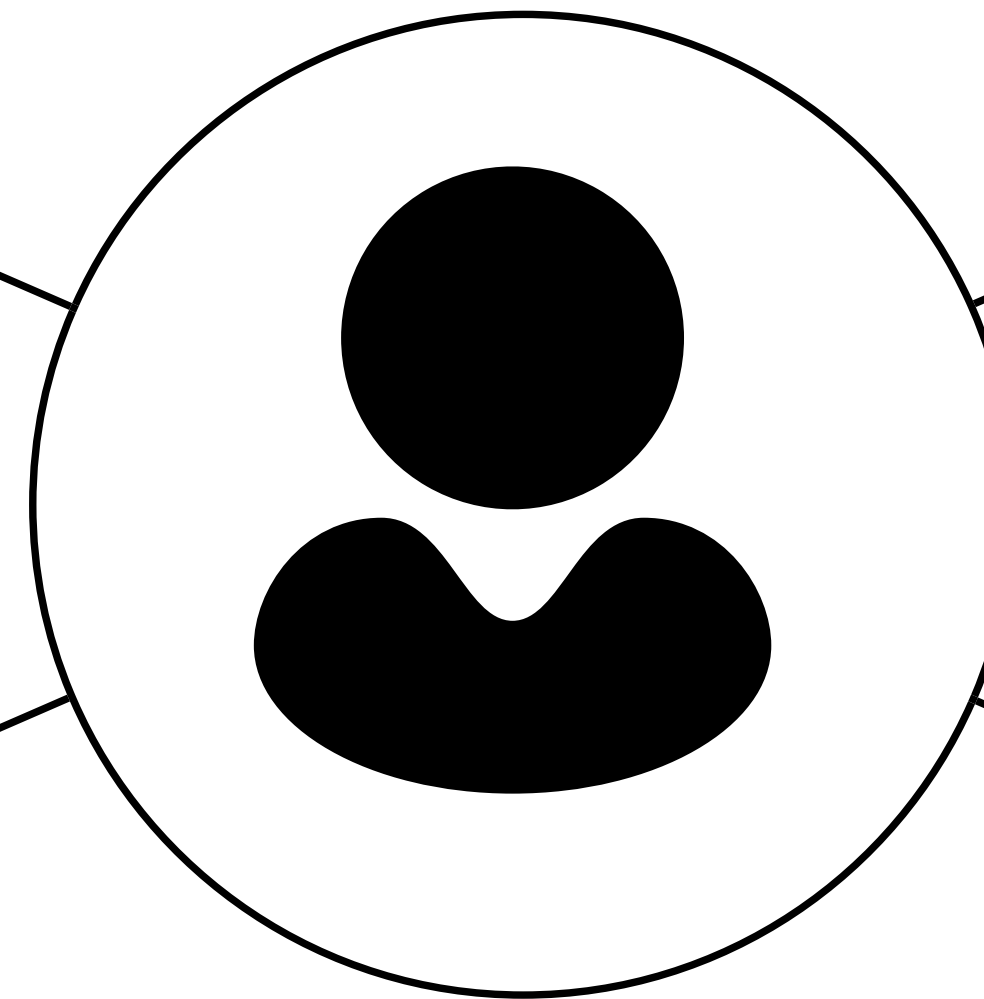
what really counts
major preoccupations
worries & aspirations

How Do We
Measure
Rainfall?

Can we
predict
rainfall
data?

Why is
rainfall data
important?

How to
comprehend
complicated
data?



What do they **HEAR?**

what friends say
what boss say
what influencers say

You can only
access the
data through a
research
collaboration

Optimum number
of rainfall
stations ,in a
study area for
trend
assessments

Review
papers on
rainfall trend
analysis

Distribution and
Movement of
Groundwater: Do
we have the
required data?

Calculate
correlation
between
rainfall and
SPI

Data pre-
processing
of rainfall
data

What do they **SEE?**

environment
friends
what the market offers

What do they **SAY AND DO?**

attitude in public
appearance
behavior towards others

I want
something
reliable

Is it
economical
and feasible
to me?

Need to survey
about the rainfall
data in every
regions in India

PAIN

fears
frustrations
obstacles

Unpredictable
rainfall data

Highly reliable
on data
preprocessing
and analytics

Need more
knowledge
about
agriculture and
water irrigation

GAIN

"wants" / needs
measures of success
obstacles

Efficient
rainfall
predictor

Quick and
responsive
weather
forecasting

Helps for Farmers
in water irrigation
and pre-prediction
of seasonal rainfall