

# Report

## Data cleaning summary

- Removed all `error` entries
- Converted data types
- Dropped key missing values
- Forward-filled secondary missing data
- Removed duplicate records

## Key findings

- Variables highly correlated with fertilizer recommendations include
- **soil\_moisture,**
- **pH level,**
- **temperature**
- Crop with highest average soil moisture: is Wheat
- Crops with average temperature > 30°C: **Need increased irrigation**