

Srusti TechHack 1.0

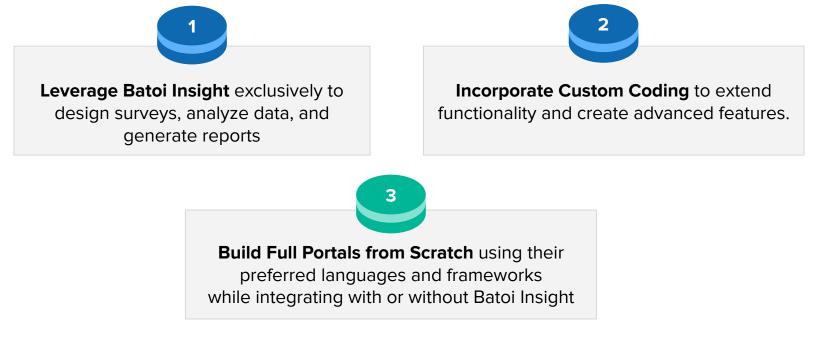
Pre Event Workshop

Problem Statement and Milestones



Overview

This hackathon combines the flexibility of Batoi Insight and the creativity of custom coding to empower participants to solve real-world problems in rural governance.



© Batoi - www.batoi.com | 2



Participant Pathways

Teams may choose one of the following approaches

Insight-Only Approach

- Use Batoi Insight to create surveys, analyze data, and generate reports.
- Focus on leveraging built-in features and custom scripts for analysis and reporting.

Hybrid Approach

- Combine Batoi Insight with custom coding to enhance functionality.
- Examples: Using Python for data preprocessing or creating dashboards that pull insights from Batoi.

Full Build Approach

- Develop a complete portal or application from scratch, integrating Batoi Insight optionally.
- Example: Building a grievance redressal portal or analytics dashboard using any language/framework.



Comprehensive Problem Statements

Each Team can choose any one of the following problem statement

Citizen Grievance Analytics Portal

Design a solution to collect, process, and analyze grievance data from rural Panchayats.

- Use Batoi Insight for survey creation and visualization.
- Develop advanced analytics features using Python.
- Build a complete portal integrating these functionalities.

Agricultural Trends and Predictions

Analyze farmer data to identify challenges and predict crop yields.

- Use Batoi Insight to visualize trends.
- Create predictive models with Python and integrate results into a dashboard.
- Build a standalone application for farmers and policymakers.

Rural Education Insights

Focus on analyzing data related to school performance, infrastructure, and student satisfaction.

- Leverage Batoi Insight for surveys and dashboards.
- Extend functionality using scripting for deeper analysis.
- Develop an interactive portal for real-time data updates and analytics.

Healthcare Access Dashboard

Address healthcare accessibility issues in rural areas.

- Use Batoi Insight for survey creation and reporting.
- Develop custom scripts for resource allocation analysis
- Build a comprehensive portal for tracking and visualizing health data.

