

STATATHON 2025

TITLE PAGE

- **Problem Statement ID:** 2
- **Problem Statement Title:** Create an API gateway to run SQL queries on the Survey Datasets and retrieve the results in a userfriendly form like JSON
- **PS Category- Software/Hardware:**SOFTWARE
- **Team ID:**3532
- **Team Name (Registered on portal):**YASHRAJ ANAND CHAVAN

PLFS Insight Gateway: DPDP-Safe NL→SQL Microdata API for India



❖ Proposed Solution (Describe your Idea/Solution/Prototype)

- Detailed explanation of the proposed solution
- How it addresses the problem
- Innovation and uniqueness of the solution

TECHNICAL APPROACH

- Technologies to be used (e.g. programming languages, frameworks, hardware)
- Methodology and process for implementation (Flow Charts/Images/ working prototype)

FEASIBILITY AND VIABILITY

- Analysis of the feasibility of the idea
- Potential challenges and risks
- Strategies for overcoming these challenges

IMPACT AND BENEFITS

- Potential impact
- Benefits of the solution (social, economic, environmental, etc.)

RESEARCH AND REFERENCES



- Details / Links of the reference and research work

IMPORTANT INSTRUCTIONS



Please ensure below pointers are met while submitting the Idea PPT:

1. Kindly keep the maximum slides limit up to six **(6)**. (Including the title slide)
2. Try to avoid paragraphs and post your idea in points /diagrams / Infographics /pictures
3. Keep your explanation precise and easy to understand
4. Idea should be unique and novel.
5. You can only use provided template for making the PPT without changing the idea details pointers (mentioned in previous slides).
6. You need to save the file in PDF and upload the same on portal. No PPT, Word Doc or any other format will be supported.

Note - You can delete this slide (Important Pointers) when you upload the details of your idea on STATATHON portal.