

DataSetGold Take Action Plan

Now that you've completed the *DataSetGo* program, it's time to put your data science skills into action! Develop a Take Action Plan that addresses a community issue using the concepts and techniques you've learned. You'll identify a community problem you're passionate about, use data to understand the root cause of the issue, develop a data-driven solution and outline steps to implement it.

Once you've completed your Take Action Plan, you'll be ready to make a real impact in your community. You can also use this plan to jumpstart your Girl Scout Gold Award project if you choose to pursue it!

Identifying the Community Issue

Take some time to think about the issues in your community that matter most to you. Explore these problems by researching or gathering data to understand their root causes.

Describe the Issue:

What problem in your community do you want to address? Why is this issue important to you?

Data Exploration:

How can data help you understand the scope of this issue? What data sources or community resources will you explore (e.g., public databases, experts, interviews)?

Collecting and Analyzing Data

Look for data, statistics, and information that can help you understand your chosen issue. Use this data to explore the possible causes and how they affect your community. This will guide you in creating a well-informed solution.

Data Sources:

What sources or data did you find during your exploration? List out important or relevant data sources:

Findings:

Summarize the key insights from your data. What do the results reveal about the issue?

What is the root cause?

Based on your data, what do you believe is the underlying cause of the issue? How does addressing this root cause lead to a sustainable solution?

Designing the Solution

Use the data you've gathered to brainstorm potential solutions. Let the data guide you in choosing a solution that directly addresses the root cause of the issue for the most meaningful impact.

Brainstorm:

Generate a list of potential solutions that address the root cause. Which solutions are most feasible, impactful, and sustainable?

Data-Driven Decision Making:

Choose one solution for your Take Action plan. Use the research you have done to help you make your decision.

Action Plan

Write out the steps you would take to implement your solution. Be specific and include the actions needed to make your project successful and impactful in addressing the issue.

Step by step:

Outline the steps you'll take to implement your chosen solution. Include how you'll involve others (e.g., community members, partners) and what resources you'll need.

Set your goals:

Define specific and measurable goals for your project. How will you measure progress and success using data – surveys, interviews, etc?