

Technical Partner Evaluation

Objective: *Demonstrate to the Soda Customer Engineering team that your team has the necessary technical skill-sets for onboarding/implementing a Soda Customer.*

REQUIREMENTS:

- Soda Cloud Environment - [Sign up](#)
 - Soda Library Installation - [Guide](#)
 - Soda Agent Installation - [Guide](#)
1. **Sign up for the [Soda Cloud Trial](#)** (If you already have a cloud instance but it has expired, please reach out to your point of contact and we will update your licensing)
 2. **Install and Configure the [Soda Library](#)**
 - a. Setup a local/cloud data source with at least two tables (datasets) for testing your checks: [MySQL](#), [PostgreSQL](#), [Snowflake](#), [etc.](#)
 - b. Write a total of 13 checks for execution against your datasets alongside one Soda Suggest operation. Provide a [Friendly Name](#) for each of these checks in your YAML file. At least one check must contain an [in-check filter](#). Add [sampling](#) and [profiling](#) to at least one of your datasets (Soda Library - checks.yml).
 - i. 4 different [Validity Metrics](#)
 - ii. 4 different [Numeric Metrics](#)
 - iii. 1 [Reference Check](#)
 - iv. 1 [Cross Check](#)
 - v. 1 [Distribution Check](#)
 - vi. 1 [User-defined Check](#)
 - vii. 1 [Failed Rows Check](#)
 - viii. 1 [Soda Suggest operation against one dataset. Choose at least 3 of the suggested checks.](#)
 - c. Create and use a [template](#) against one or more of your datasets

3. Deploy a [Soda Agent](#)

- a. Install the agent in your own [AWS](#), [Google](#) or [Azure](#) environment
 - i. Configure at least one Notification/Alert integration:
 1. [Slack](#), [MS Teams](#)
 - ii. Setup the following [Attribute for checks](#):
 1. [Dimension](#) with [6 allowed values](#) (Data Quality Dimensions)
 - iii. Setup the following [Attribute for Datasets](#):
 1. Data Domain with 3 allowed values (Product, Customer, Order)
- b. [Register](#) at least one dataset in Soda Cloud (via the Agent) with Profiling and Sampling.
 - i. Apply the Data Domain Attribute to this dataset after registered
- c. Create one Agreement containing checks for at least one dataset.
 - i. 2 [Anomaly Score Checks](#) with the additional attributes: Dimension
 - ii. 2 [Missing Checks](#) with the additional attributes: Dimension
 - iii. Choose at least one Notification integration for alerts/notification applicable to this agreement.

4. Integrate Soda Library in a pipeline and during development (DBT, Airflow, Github):

- a. [Airflow/DBT pipeline](#)
- b. [GitHub Action job](#)

5. Create a Custom Report based on our [Reporting API](#):

- a. [Dump API results](#) into a table of your choice
- b. Using a Business Intelligence tool of your choice:
 - i. Build a simple report based off the table you dumped the API results into.
 1. By Dataset
 2. By Dimension
 3. By Checks

6. Contact Soda for validation/verification of your Soda environment.