# Overview

* The aim of this document is to clarify the Data service functionalities for Trusted Compute’s data service.

## Create Data Pools

* Aim: User creates a data pool by uploading a Dataset and its corresponding schema.
* Currently, there are separate API endpoints to deal with the creation of a datapool.
  + POST Dataset Create
    - Request body: Wallet ID, Datapool ID, Data Schema ID, name, description, Number of rows, Datapool position, created
  + POST Datapool Create
    - Request body: Creator wallet ID, name, Description, Datapool Hash, Smart Contract ID, Smart Contract Address, Sealed Data, Total rows, Created
  + POST Data Schema Create
    - Request body: Name & Data Schema
* Current endpoints do not account for digital rights that a datapool creator chooses.

## Fetch Data Pools

* Aim: Users can view data pools that they can join.
* Are datapools publically available? Or can the creator choose this setting?

## Join Data Pools

* Aim: Users can join datapool by uploading their data.
* There currently is no *join data pool* endpoint.
* TODO: Make a POST request when a user wants to join a datapool.
  + Request body: Data file, datapool ID

# Questions

* For the MVP, can a user only upload JSON data files?
* For clarification, the following DRT rights are allowed?
* What digital rights are available for data pool creators to choose from?