1. **Use Case :**

**Need to filter multiple field values from a customfield with non filterable property. Using just calculated filter you are limited with the number of if/then/else statement you can put. Hence, using Value LookUp Table is much more robust and efficient.**

**Note: custom field(s) with non filterable property is standard behavior for Odata APIs, in integration center the requirement can be achieved using post query processing feature of the tool available.**

1. **Step by step Solution:**
2. **Requirement** :

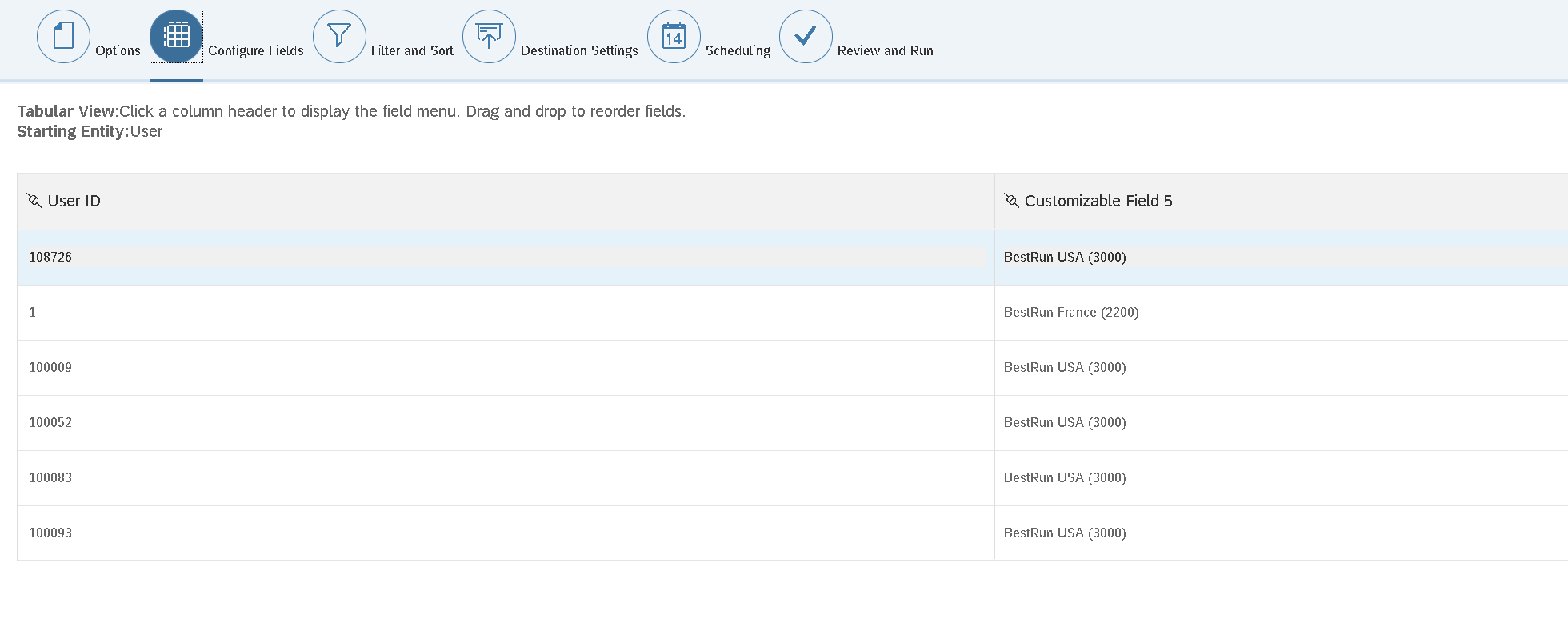
Use Case : I want to filter out records with ‘BestRun France (2200)’,’ BestRun USA (3000)’ and ‘Null’ records from Custom Field 5 of User entity in the report.

Remarks

1.1 User Entity > Custom Fields are hardcoded not filterable.

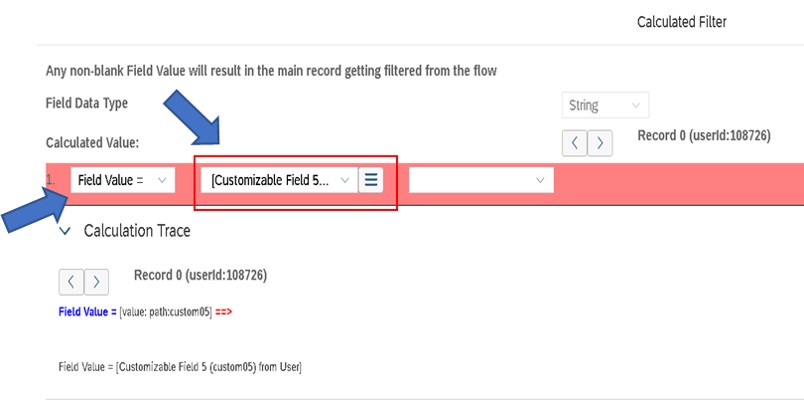


1.2 First,see Original Output of Report without Value Look Up Table – Calculated Filter, **‘BestRun France (2200)’,’ BestRun USA (3000)’** records are showing.



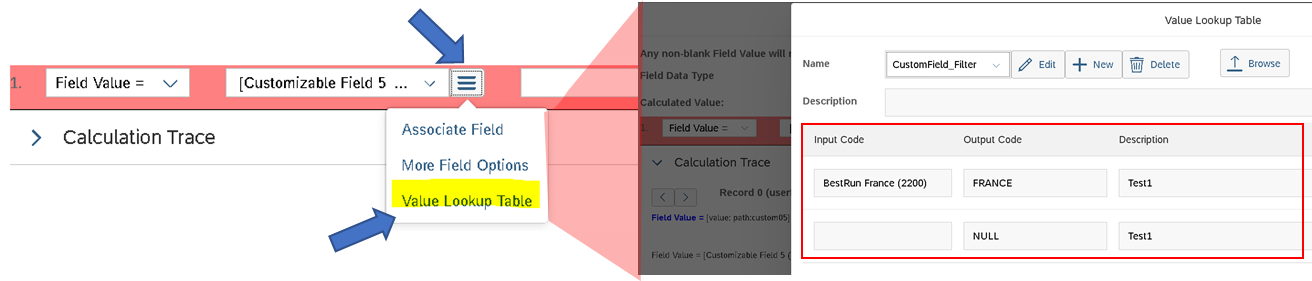
1. Applying Value Look Up Table – Calculated Filter
   1. Go to Filter and Sort Tab > Advanced filter > Calculate filter

Select Field Value > Select your Custom Field you wish to apply the filter to



* 1. Then the values I don’t want in my report I will put in the table.

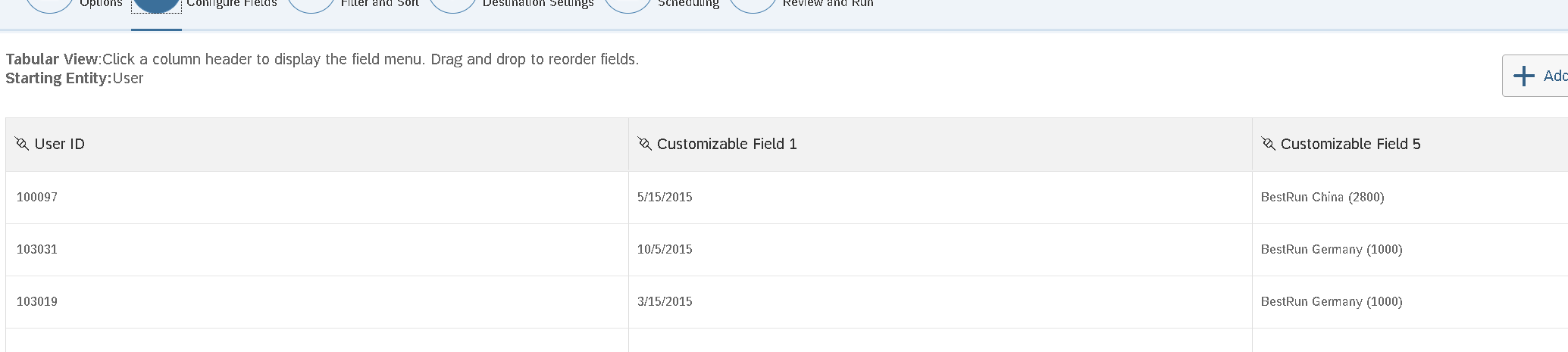
Items in screenshot ‘NULL’ records and ‘BestRun USA and France’ will be removed in the final report



*Note : Calculated filter is defined as a negative filter logic*

[*https://help.sap.com/viewer/60ba370328e0485797adde67aee846a0/1905/en-US/79938b0493c54bf39408441c8637798c.html*](https://help.sap.com/viewer/60ba370328e0485797adde67aee846a0/1905/en-US/79938b0493c54bf39408441c8637798c.html)

* 1. See Sample Output Below.



Records are filtered from the report satisfying the requirement, working around the limitation for if/then/else statement allowed to be put in the calculated filter.

*Note : Max Value Look Up table items is restricted up to up to* ***300*** *via CSV upload file using the Upload Sample CSV or Manually you can enter values up to 1000.*