

Annex IV

Microfinance Data Quality Index

CATEGORY	Validation	Score
<i>Demographic Parameters</i>		
Name	<p>Availability which satisfies all conditions:</p> <p>a) Minimum 2 tokens b) 1 token with minimum 2 letters of the alphabet c) No numerals present</p>	10
DOB / Age	<p>Availability which satisfies all conditions:</p> <p>a) If DOB is shared then date format should be DDMMYYYY; b) If Age is provided then it needs to be numeric value except Zero</p>	7
Identifier: Voter ID (VID)/PAN/CKYC	<p>Availability of ANY ONE identifier which satisfies ALL respective conditions:</p> <p><u>PAN</u>:</p> <p>a) Should be 10 in length b) First 5 and last character should be alphabets c) The 4th character has to be either P or H d) The 6th to 9th character should be numerals</p> <p><u>Voter ID</u> :</p> <p>a) Should be between 8 – 16 in length after CIC removes the special characters b) First 2 / 3 digits should be alphabets</p> <p><u>CKYC</u>:</p> <p>a) Should be 14 in length b) Should be all numeric</p>	8
Phone Number	<p>Availability of mobile number which satisfies all conditions:</p> <p>a) Should be minimum 10 numerals in length b) The first digit needs to start with 6,7,8 and 9 c) Mobile number straight descending/ascending sequence (E.g., 8765432/2345678) or same digits (E.g., 2222222) not allowed</p>	7
Address	<p>At least one address of the borrower should meet all the below conditions:</p> <p><u>Address line</u>:</p> <p>a) Minimum length of 5 character</p> <p><u>State code</u>:</p> <p>a) Submission as per catalogue value</p>	8

CATEGORY	Validation	Score
	<u>Pin code:</u> a) Should be 6 numeric in length b) Exclude cases of all digits of same number (0 to 9) c) Exclude sequence (E.g., 123456, 456789) d) Exclude cases where last 3 digits are numeric 'ZERO'	
Total Monthly Family Income	Availability for all accounts opened on or after April 01, 2022, Numeric value except zero with a maximum cap of Rs. 25000/= as per the Credit Facilities Directions issued by RBI to CIs, as amended from time to time.	5
Key Person Name and Relationship	At least 1 key person and relationship	5
<i>Trade Parameters</i>		
Loan Category	Submission as per catalogue values	5
Date Opened/Disbursed	Availability in DDMMYYYY and cannot be future date	5
Total Disbursed Amount	Availability of Numeric value except zero and in compliance with the Credit Facilities Directions issued by RBI to CIs, as amended from time to time.	5
Minimum Amt Due/Instalment Amount	Availability for all accounts opened on or after April 01, 2022, Numeric value except zero with a maximum cap of Rs. 12500/= as per the Credit Facilities Directions issued by RBI to CIs, as amended from time to time.	5
Current Balance Amount	Numeric value and can be reported as numeric 'Zero', if there is no balance	5
Repayment Frequency	Submission as per catalogue values except "Other"	5
Account status	Submission as per catalogue values	5
DPD (Days past due)	Submission as per catalogue values	5
Number of Instalments	Numeric value except zero	2
<u>Account level data conflict</u>	In case a single validation is not met among the list of validations in this category for a loan, then the score for the specific loan would be treated as "0". This means all loans must be evaluated	
<u>Parameters to be checked</u>		8
a) Account has amount overdue > 0		

CATEGORY	Validation	Score
<p>but DPD = 0 or blank</p> <p>b) Account has amount overdue = 0 but DPD > 0 or blank</p> <p>c) Account status delinquent and DPD = 0 or amount overdue = 0</p> <p>d) Account status Active and Current balance =0 or blank</p> <p>e) Account status Closed and (Current Balance > 0 or DPD > 0 or Amount overdue > 0)</p> <p>f) Current Balance / disbursed amount / Amount overdue / Minimum amount due is Negative</p> <p>g) Account status is Closed, and Closed date is Invalid or Blank</p> <p>h) Closed date is reported, and account status is other than {S06-Written Off, S07-Account Closed, S09-Restructured & Closed, S10-Settled, S11-Post Write Off Settled, S12-Post Write Off Closed}</p> <p>i) Account status is S06- Written Off, S11-Post Write Off Settled, S12-Post Write Off Closed and Write-off amount / Write-off date is not provided</p>	against all validation rules in this category and any failure to meet a single rule for those specific loans will lead to loss of the score for that specific loan.	
Total Score		100