

## NIFI process groups list in the current cQube.

SI No	Processor Group Name	Processor Group Description
1	cQube_data_storage	The cQube_data_storage processor group handles all data storage includes emission,input and output
2	static_data_transformer	Processes the static/master files district master, block master , cluster master and school master etc.
3	student_attendance_transformer	The student_attendance_transformer processor group transforms the student attendance data to insights. It provides information about student attendance calculated at a monthly level. The data has been collated at various administrative levels (i.e. District, Block, Cluster and School) . It calculates metrics for month/year combination to view student attendance for any other time period.
4	teacher_attendance_transformer	The teacher_attendance_transformer processor group transforms the student attendance data to insights. It provides information about teacher attendance calculated at a monthly level. The data has been collated at various administrative levels (i.e. District, Block, Cluster and School). It calculates metrics for month/year combination to view teacher attendance for any other time period.
5	crc_transformer	The crc_transformer processor group transforms user location master and inspection master datasets and provides insights using the CRC App data. We have derived several normalised metrics using the raw data. It provides ability to Zoom In and Out at various administrative levels. The administrative levels include District, Block and Cluster. This has been done to provide relevant insights at the appropriate administrative level.
6	udise_transformer	The udise_transformer processor group transforms udise datasets and provides insights on various indices calculated using the metrics captured in the UDISE. Each of the indices has been derived using multiple metrics that have been normalised and benchmarked for a fair comparison. The data here can be broken at multiple administrative levels (i.e. District, Block, Cluster and School).
7	infra_transformer	The infra_transformer processor group transforms infrastructure dataset and provides insights on selected infrastructure metrics. The data can be broken at various administrative levels include District, Block and Cluster. This has been done to provide relevant insights at the appropriate administrative level.
8	diksha_transformer	The diksha_transformer processor group pulls data from Diksha API which includes summary rollup and progress-exhaust. It provides insights on total content plays at the course/content level for Teacher Professional Development courses/Energised Textbooks at the district level. It provides insights on total enrollments and completions for Teacher Professional Development.
9	cqube_telemetry_transformer	The cqube_telemetry_transformer processor group captures the processes user clicks of cQube dashboard and student attendance report
10	pat_transformer	The pat_transformer processor group transforms the periodic assessment datasets and provides information about student's performance in the Periodic assessment across all subjects and grades. This has been collated at various administrative levels (i.e. District, Block, Cluster and School).
11	sat_transformer	The sat_transformer processor group transforms semester exam datasets and provides information about student's performance in the Semester Exam across all subjects and grades. This has been collated at various administrative levels (i.e. District, Block, Cluster and School).
12	composite_transformer	The composite_transformer processor group brings together metrics from other dashboards in order for you to correlate metrics with each other. The data here can be viewed across the district, block and cluster level.
13	healthcard_transformer	The healthcard_transformer processor group brings together metrics from student attendance, udise, infrastructure, semester exam & periodic assessment
14	data_replay_transformer	<p>The data_replay_transformer processor group will remove the data based on data retention policy or request related to</p> <ul style="list-style-type: none"> <li>- student attendance, teacher attendance, diksha summary rollup, CRC based on the year &amp; month or date requested</li> <li>- diksha progress exhaust based on the batch_id requested</li> <li>- semester assessment test based on the semester requested</li> <li>- periodic assessment test based on the exam_code requested.</li> </ul> <p>The data retention is enabled for diksha summary rollup, SAT,PAT CRC</p>

## UI Reports list in the current cQube

Sr No	Report Name	Description
1	Infrastructure access by Location	This geo-location-based dashboard provides insights on school infrastructure access across (State_name)
2	Composite Report	This dashboard allows users to correlate various available metrics on school infrastructure data using a combined visualisation of the scatter plot and table
3	Composite Report Across Matrics	This dashboard brings metrics from other dashboards and allows users to correlate various metrics among each other.
4	Diksha- Usage By Course	This dashboard provides insight on district-wise usage of TPD courses.
5	Diksha- Usage By Course Content	This dashboard provides insights on total usage at the course content level.
6	Diksha- TPD total enrollment/completion	This dashboard provides details on district-wise TPD course enrolment progress broken at the individual course level.
7	Diksha- TPD completion percentage	This dashboard provides details on district-wise TPD course enrolment progress broken at the individual course level.
8	Diksha- TPD course progress	This dashboard provides details on district-wise TPD course enrolment progress broken at the individual course level.
9	CRC	This dashboard allows users to correlate various available metrics calculated from the CRC visit data using a combined visualisation of the scatter plot and table
10	Progress Card	This dashboard brings metrics from other dashboards and allows users to correlate various metrics among each other.
11	Diksha- Usage by Textbook	This dashboard provides insights on district-wise usage of ETB.
12	Diksha- Usage by Textbook Content	This dashboard provides insights on the total usage at the ETB content level.
13	Semester Assesment Test	This geo-location-based dashboard provides insights on student Periodic Assessment Test (SAT) performance across (State_name).
14	Semester Assesment Test Heat-Chart	This dashboard provides insights on student performance at the question level
15	Periodic Assesment Report	This geo-location-based dashboard provides insights on student Periodic Assessment Test (PAT) performance across (State_name).
16	Periodic Assesment Report Heat-Chart	This dashboard provides insights on student performance at the question level
17	Periodic Assesment Report Lo-Table	This dashboard provides insights on student performance at the learning outcome level.
18	Student Attendance	This geo-location-based dashboard provides insights on Student Attendance across (State_name).
19	Teacher Attendance	This geo-location-based dashboard provides insights on Teacher Attendance across (State_name).
20	Telemetry	This dashboard provides insights on usage statistics for cQube
21	Semester Assesment Test Exception	This geo-location-based dashboard provides insights on those schools that did not upload their semester assessment scores.
22	Periodic Assesment Test Exception	This geo-location-based dashboard provides insights on those schools that did not upload their periodic assessment scores.
23	Download exception list	This dashboard allows you to download exception reports for the different dashboards available on cQube.
24	Student Attendance Exception	This geo-location-based dashboard provides insights on those schools that did not upload their student attendance data.
25	Teacher Attendance Exception	This geo-location-based dashboard provides insights on those schools that did not upload their teacher attendance data.