Subject	**Re: Platform data analysis - google drive path**
From	Raja Sekhar Satyavada <rajasekhar.s@tiss.edu>
To	<parthasarathi.edupally@tiss.edu>
Date	2020-01-28 12:19

Hi Partha,

As we discussed the missing info in calculating the required figures is that of number of unique logins **for a given subject** in a given state (we currently have it only at module level).

This exercise will be giving us the following metric: average activity-usage per login. The following are the limitations:

1. There could be more users with login id "0"
2. There could be more than user(buddy) doing a giving activity with only one of them actually logging in
3. Three, it is possible that the same user has used more than one login(the chances of it would be low since if a student loses his/her login details they might just use the platform without logging)

And the procedure is to collate all the latest progress-CSVs of all the units in a given subject in a given state, sum up the number of activities and divide that figure by number of unique logins.

Please add/modify any foregoing detail.

Thanks.

On 2020-01-28 02:57, parthasarathi.edupally@tiss.edu wrote:

I didn't get you. We have all the relevant data required to generate this table. Do you want me to do averages on excel sheet. Is that the additional analysis you want me to do ?

Do let me know.

-Partha

On 2020-01-27 14:04, Raja Sekhar Satyavada wrote:

Partha, would the analysis below be possible. Would really help.

On 2020-01-20 14:17, Raja Sekhar Satyavada wrote:

Thanks Partha for this... looks interesting as we have larger numbers vis-a-vis lesson level activity... can we have aggregates like in the table below - **by subject** in each state along with number of logins.

Domain wise module usage per login (Averages): From Jul-18 to Dec-18

Syncthing data from number of schools	CG (25 schools)	MZ (16 schools)	RJ (66 schools)	TS (67 schools)
English	3.41 (204)	3.14 (153)	2.13 (293)	2.45 (112)
Maths	1.77 (273)	1.83 (301)	2.75 (861)	2.05 (295)
Science	5.26 (333)	4.07 (149)	4.85 (1687)	3.13 (452)

On 2020-01-20 13:45, parthasarathi.edupally@tiss.edu wrote:

Hi Rakasekar,

Please find here data at activity level.

Regards,

Partha

On 2020-01-17 13:13, Raja Sekhar Satyavada wrote:

Hi Partha,

I went thru the telegram chats and found the following path. This might be useful for the additional analysis of the platform usage by activities visited (instead of lessons visited).

1. **Platform Data -> Syncthing data-(2018-19)**

- SchoolLevel_Numbers_TataTrust_Sep2019 : This has districtwise platform engagement data (school_code, school_server_code, total_mod_days, total_num_lessons, total_num_mod, total_users, e_num_days, e_num_lessons, e_num_modules) plus the folder below
    - Module_level_tool_level_engagement : This has statewise module level summary analysis (module_name, users, lessons_per_user, total_lessons and num_schools) and tool level summary analysis (tool_name, users, timespent_per_user and num_schools) plus the folder below
        - CLIx_wide_numbers: The module and tool level summary analysis

I reckon that the steps involved in the activity level analysis for each state and for each subject would be as follows. Please correct me if otherwise.

- Take the progress_csv data for **each unit** in each school in each district of a given state
- Collate them by subjects to generate 12 data files - one per subject per state
- Add up the activities visited in each file and divide it by number of unique logins

The final output of this exercise may look like that in the file attached.

Thanks.