

Unveiling The Virtual Classroom: An In-Depth Analysis Of The Online Education System

13. No of Calculation Field

The screenshot shows the 'Create calculation' dialog in IBM Cognos Analytics. The 'Name' field is set to 'C_Home Location'. The 'Components' list on the left includes 'Online Edu...System.xls' with sub-items: 'Gender', 'Home Location', 'Level of...ucation', 'Age(Years)', 'Number of Subjects', 'Device t...classes', 'Economic status', 'Family size', 'Internet fa...r locality', 'Are you ...sports?', and 'Do elder...or you?'. The 'Expression' field contains '1 Sheet1.Home_Location'. The 'Preview' section shows a table with two columns: 'C_Home Location' and 'Home Location', with rows for 'Urban' and 'Rural'. The 'Calculate after aggregation' checkbox is checked. The 'OK' button is highlighted in blue.

C_Home Location	Home Location
Urban	Urban
Rural	Rural

The screenshot shows the 'Create calculation' dialog in IBM Cognos Analytics. The 'Name' field is set to 'C_Home Location'. The 'Components' list on the left is the same as the previous screenshot. The 'Expression' field contains '1 Sheet1.Level_of_Education'. The 'Preview' section shows a table with two columns: 'C_Home Location' and 'Level of Education', with rows for 'Under Graduate' and 'Post Graduate'. The 'Calculate after aggregation' checkbox is checked. The 'OK' button is highlighted in blue.

C_Home Location	Level of Education
Under Graduate	Under Graduate
Post Graduate	Post Graduate

IBM Cognos Analytics - OES Filter Data Exploration

Create calculation

Name: C_Home Location

Components

- Online Edu...System.xls
 - Gender
 - Home Location
 - Level of...ucation
 - Age(Years)
 - Number of Subjects**
 - Device t...classes
 - Economic status
 - Family size
 - Internet fa...r locality
 - Are you ...sports?
 - Do elder...or you?

Expression

```
1 count (distinct [Sheet1.Number_of_Subjects] )
```

Preview (Execution time: 1.36 seconds)

C_Home Location	Number of Subjects
20	7267

☒ Calculate after aggregation

Cancel OK

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Create calculation

Name: C_Home Location

Components

- Online Edu...System.xls
 - Gender
 - Home Location
 - Level of...ucation
 - Age(Years)
 - Number of Subjects
 - Device t...classes
 - Economic status**
 - Family size
 - Internet fa...r locality
 - Are you ...sports?
 - Do elder...or you?

Expression

```
1 count (distinct [Sheet1.Economic_status] )
```

Preview (Execution time: 1.156 seconds)

C_Home Location	Economic status
1	Poor
1	Rich

☒ Calculate after aggregation

Cancel OK