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### **Quasi-Identifiers**

- ip, course\_id, user\_id, LoE, YoB, gender, grade, nforum\_posts, nforum\_\*, profile\_country, postalCode, subdivision, region, city, email\_domain, certified, completed
- email\_domain, language

### **Redundancy**

- countryLabel, cc\_by\_ip, continent, profile\_country
- un\_\*, latitude, longitude, language\_brwsr\_\*

### **Internal (Everything Not listed above)**

- passing\_grade, viewed, registered, start\_time, first\_event, last\_event, nevents, ndays\_act, nplay\_video, nchapters, nprogcheck, nproblem\_check, mode, is\_active, cert\_created\_date, cert\_modified\_date, cert\_status, verified\_enroll\_time, verified\_unenroll\_time, y1\_anomalous,
- language\_download, language\_nevents, language\_ndiff
- ntranscript, nshow\_answer, nvideo, nseq\_goto, nseek\_video, npause\_video, nvideos\_ununique\_viewed, nvideos\_total\_watched
- avg\_dt, sdv\_dt, max\_dt, n\_dt, sum\_dt
- roles, roles\_is\*, forumRoles\_is\*
- explored