ETL Project Team 1

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Education Status vs. Happiness –

We will be utilizing data obtained from the following sources to generate comparisons of the world’s population based on their education levels and their overall happiness.

Sources for the data:

* <https://www.kaggle.com/theworldbank/world-bank-intl-education?select=international_education>
* <https://www.kaggle.com/unsdsn/world-happiness>

Transformation needed:

* Clean – Take the data from 2015 and compare happiness to education level
* Join – We will join the data based on the countries we identify
  + Gross enrolment ratio, primary and secondary, both sexes (%)
  + School life expectancy, primary and secondary, both sexes (years)
* Filter – A filter of the information based on the populations overall happiness to the education level of the people that reside there

Final Production Database:

* Relational – We will be utilizing Postgres to better utilizing tables for updating in the future when needs arise

Final Tables and collections:

* Tables that will be generated
  + Education levels:
    - Primary
    - Secondary
    - Post-Secondary/Higher Education
    - Gross enrolment ratio, primary and secondary, both sexes (%)
    - School life expectancy, primary and secondary, both sexes (years)
  + Happiness levels:
    - Happiness indicator on the file is based on 1 to 10
      * 1 being low and 10 being high
    - GDP
    - Social Support
    - Generosity