Warmup: adult literacy data

Group members:

Instructions: Work with a neighbor on the following activity. I will collect the handout at the end of class, and it will be part of your class participation grade. You will be graded only on effort – it is ok if you don't finish all the questions, or get them all correct.

Adult literacy data

Below are the first few rows and columns of a table containing data on the adult literacy rate in countries around the world, in each year since 1975:

```
# A tibble: 260 x 38
   country `1975` `1976` `1977` `1978` `1979` `1980` `1981` `1982` `1983` `1984`
   <chr>    <dbl>  <dbl>  <dbl>  <dbl>  <dbl>  <dbl>  <dbl>  <dbl>  <dbl>  <dbl>
 1 Afghan~     NA     NA     NA     NA   4.99     NA     NA     NA     NA     NA
 2 Albania     NA     NA     NA     NA  NA        NA     NA     NA     NA     NA
 3 Algeria     NA     NA     NA     NA  NA        NA     NA     NA     NA     NA
 4 Andorra     NA     NA     NA     NA  NA        NA     NA     NA     NA     NA
 5 Angola      NA     NA     NA     NA  NA        NA     NA     NA     NA     NA
 6 Anguil~     NA     NA     NA     NA  NA        NA     NA     NA     NA   95.7
 7 Antigu~     NA     NA     NA     NA  NA        NA     NA     NA     NA     NA
 8 Argent~     NA     NA     NA     NA  NA      93.6     NA     NA     NA     NA
 9 Armenia     NA     NA     NA     NA  NA        NA     NA     NA     NA     NA
10 Aruba       NA     NA     NA     NA  NA        NA     NA     NA     NA     NA
# i 250 more rows
# i 27 more variables: `1985` <dbl>, `1986` <dbl>, `1987` <dbl>, `1988` <dbl>,
#   `1989` <dbl>, `1990` <dbl>, `1991` <dbl>, `1992` <dbl>, `1993` <dbl>,
#   `1994` <dbl>, `1995` <dbl>, `1996` <dbl>, `1997` <dbl>, `1998` <dbl>,
#   `1999` <dbl>, `2000` <dbl>, `2001` <dbl>, `2002` <dbl>, `2003` <dbl>,
#   `2004` <dbl>, `2005` <dbl>, `2006` <dbl>, `2007` <dbl>, `2008` <dbl>,
#   `2009` <dbl>, `2010` <dbl>, `2011` <dbl>
```

1. What does a row in this table represent?

2. Is the table in "wide" or "narrow" format?

3. If you were to reshape the table, what would you want it to look like instead? Describe what a row and column what represent in your reshaped table.