

What we did...

```
tables.flatMap(df =>
  df.columns.map(col =>
    df.select(col).rdd.map(r => (r(0).toString, Set[String](col)))
  )
).reduce(_ union _)
  .reduceByKey(_ ++ _)
  .values.distinct()
  .flatMap(set => set.map(column => (column, set - column)))
  .reduceByKey(_.intersect(_))
  .filter(_._2.nonEmpty).sortByKey(numPartitions = 1)
  .foreach(row =>
    println(row._1 + " < " + row._2.mkString(", "))
  )
```