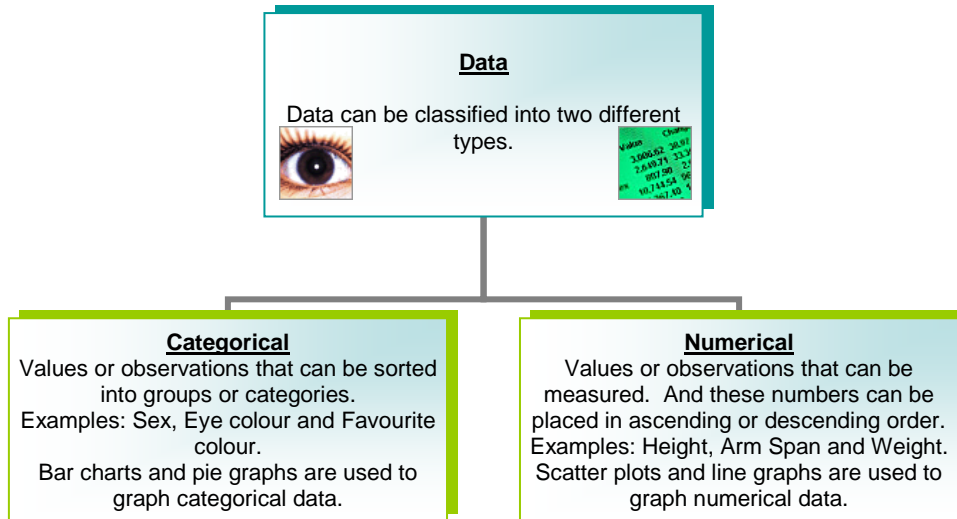


What's the Difference Between Numerical and Categorical data?



Task:

1. Sort the following CensusAtSchool question topics according to whether they will yield categorical or numerical data.

<p><i>Amount of money earned last week</i></p> <p><i>Arm span</i></p> <p><i>Birthdate</i></p> <p><i>Concentration exercise (seconds)</i></p> <p><i>Dominant hand reaction time</i></p> <p><i>Favourite sport</i></p> <p><i>Height</i></p> <p><i>Hours slept per night</i></p>	<p><i>Language mostly spoken at home</i></p> <p><i>Foot length</i></p> <p><i>Opinions on environmental conservation</i></p> <p><i>School post code</i></p> <p><i>State/Territory live in</i></p> <p><i>Travel method to school</i></p> <p><i>Travel time to school</i></p> <p><i>Year level</i></p>
<p><u>Categorical</u></p> <p>1.</p> <p>2.</p> <p>3.</p> <p>4.</p> <p>5.</p> <p>6.</p> <p>7.</p> <p>8.</p>	<p><u>Numerical</u></p> <p>1.</p> <p>2.</p> <p>3.</p> <p>4.</p> <p>5.</p> <p>6.</p> <p>7.</p> <p>8.</p>

2. Why is data, that contains numbers, such as post codes and birthdates, considered categorical?