

1135-D5-1867      **Phong Le\*** ([phong.le@goucher.edu](mailto:phong.le@goucher.edu)), Goucher College, Data Math and CS, JR 137, 1021  
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Where does inquiry naturally live in a modern introductory level data and statistics course? Within the IBL community, there are many examples of proofs, calculus and geometry. Far fewer resources exist for data and statistics. Intro stats is quite different from intro calculus or linear algebra, both in student population and often, ideologically.

One place of inquiry in statistics lies within data itself. The inferential mindset in statistics lends itself to inquiry. Students given the opportunity to generate their own critiques and insights into quantitative studies and datasets form a lasting appreciation and understanding of the discipline. An example of an in-class inquiry exercise will be presented along with student examples and feedback. The author will also provide reflections on the state of inquiry and statistics. (Received September 25, 2017)