What has changed since the first documented instance of a famous mathematician trying to help others make sense of their data? In addressing that question, this talk will highlight, with specific examples, the increasingly important role that women mathematicians play in data-centric occupations, while emphasizing the existing concerted efforts to make sure that this role continues. The talk will be placed in the context of students' dilemma about what constitutes a decent academic preparation to face big data, the proliferation of academic majors related to data, the huge growth market for mathematicians, and the process of scientific enquiry.

This talk is accessible to undergraduates and graduate students. Everyone welcome!

This event is jointly hosted with the Statistics Seminar and Talk Math 2 Me