# HONOR CODE CERTIFICATE



#### Kathy McKeown

Director of the Data Science Institute Henry and Gertrude Rothschild Professor of Computer Science

Columbia University

#### Patricia Culligan

Associate Director of the Data Science Institute
Professor of Civil Engineering

Columbia University

#### Garud Iyengar

Professor of Industrial Engineering and Operations Research, Chair of the Department

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This is to certify that

### **Tong-Kiat Tan**

successfully completed and received a passing grade in

## DS103x: Enabling Technologies for Data Science and Analytics: The Internet of Things

a course of study offered by ColumbiaX, an online learning initiative of Columbia University through edX.



VALID CERTIFICATE ID 25d81debc0624720864b6810831d4a29