

# Brock Tibert

## TEACHING EXPERIENCE

### **Dartmouth College, Hanover, NH**

Business Analytics with Python - Invited Workshop

February 2022

In the Fall of 2021, I was asked to develop a workshop based on my IS834 course for Tuck's MBA students. This will be run as a two-day engagement in February and will introduce the students to programming and business analytics using Python.

### **Boston University, Boston MA**

Senior Lecturer - Questrom School of Business - Information Systems

September 2018 - Present

I am the primary instructor for the graduate courses listed to the right. While at Questrom, I developed four courses (760/820/823/834), reconstructed two courses to move from R to Python (760 and 820), and fully revamped IS841. I have experience teaching in-person, online, and in a hybrid format with an overall instructor rating of 4.75 (N>700). Currently, I sit on the MSBA at Questrom. In the classroom, my courses focus on an applied view of analytics and IT solutions via hands-on lectures, in-class exercises, and in-class competitions.

## INDUSTRY EXPERIENCE

### **PlatformQ, Needham MA**

VP, Data and Product

January 2023 - September 2024

Responsible for the Product and Data Engineering Teams. I am tasked with developing the Product strategy and building data solutions for internal and external stakeholders. Currently working on rearchitecting the ETL stack on AWS.

### **CollegeWeekLive, Needham MA**

General Manager

DECEMBER 2017 - August 2018

As General Manager, I was tasked with leading the edtech company through a strategic pivot to focus the company as a

### **BA760: Programming for Data Science - MSBA program**

Topics include command line, git/Github, Docker, and programming via Python. I have created an R version of this course as well.

### **BA820: Unsupervised Machine Learning and Text Analytics - MSBA**

Topics include clustering, dimensionality reduction, and applications of text mining via Python.

### **IS823: Analytics for Managers - MBA**

A top-down course for MBAs looking for a gentle review of how today's data-driven organizations leverage analytics and IT across the firm.

### **IS834: Business Analytics with Python - MBA**

A course to learn Python via data analysis and machine learning tasks.

### **IS841: Advanced Business Analytics: Data Mining - MBA**

A technical deep-dive into data mining and deep learning via low-code tools.

### **BA882: Deploying Analytics Pipelines**

This course teaches students the necessary skills to deploy data pipelines and ML tasks in the cloud.

SaaS offering.

## CollegeWeekLive, Needham MA

VP, Marketing, Analytics, and Product Management

JULY 2016 - DECEMBER 2017

## Bentley University, Waltham MA

Executive Director - Enrollment Systems

OCTOBER 2014 - JULY 2016

I was responsible for leading the data pipelines across the Enrollment Management division. This position required that I identify the strategic technology challenges, deploy technological solutions to those problems, and connect those solutions to business strategy. Additionally, my team oversaw the CRM for the division, including the migration to Salesforce.

## Bentley University, Waltham MA

Director - Enrollment Analytics

JANUARY 2012 - OCTOBER 2014

## Affinnova, Waltham MA

Product Manager

JULY 2011 - DECEMBER 2011

## Bentley University, Waltham MA

Director, Institutional Research (MARCH 2009 - JULY 2011)

Senior Analyst, Enrollment Management (SEPTEMBER 2006 - MARCH 2009)

Research Analyst, Institutional Research (APRIL 2005 - SEPTEMBER 2006)

## EDUCATION

### Clark University, Worcester, MA — *MS, Finance*

SEPTEMBER 2002 - MAY 2004

### Clark University, Worcester, MA — *Economics, Cum Laude*

SEPTEMBER 1999 - MAY 2003

## PROJECTS AND RELATED EXPERIENCE

### pypeds — *Python package*

Python package which aims to centralize the collection and cleaning of higher education datasets.

### stattleshipR — *R package*

I co-authored an R package that interfaced with Stattleship's sports API.

## BOOTCAMPS

Intro to R for Data Science, Tableau for Data Visualization

## COURSES BEING DEVELOPED

NoSQL Databases for analytics and Machine Learning

Business Analytics with SQL and Tableau

## PROGRAMMING LANGUAGES AND COMPUTE ENVIRONMENTS

R, Python, SQL, Docker

## DATABASE/DATA WAREHOUSE/Cloud

MySQL, MongoDB, Neo4j, Postgresql, Big Query, Redshift, AWS, GCP, Digital Ocean

## BUSINESS INTELLIGENCE

Tableau, Cognos, Data Studio

## ANALYTICAL METHODS

Supervised and unsupervised methods, including text analytics, with experience bringing models to production

## PODCAST APPEARANCES

The Weightlist Podcast - April 2019

higher ed social Podcast - November 2017

Neo4j Graphistania Podcast - March 2016