

# Renee Edwards

## Economics & Data Analytics

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**Note:** All non-teaching experience has been removed for convenience.

### KEY STRENGTH

Always trying to get to the “why” – which has resulted in proven ability to unlock growth potential within organizations from emerging private equity firms to Fortune 500 conglomerates by coordinating & implementing data driven analysis. I have a solid proven track record of providing stake holders with clear, relevant analysis to make strategic decisions. In addition, over a decade of successful classroom experience working primarily with population of students who underperform by helping them use data to identify gaps in their study behavior with the goal of allowing them to self-monitor ultimately helping them in their ability to become lifelong learners who will always seek continuous improvement and ask ‘why?’

### EDUCATION —

Prairie View, TX  
PhD Educational Leadership  
**Starting** program Aug 2020

University of Houston, TX  
Master’s in Economics  
Summa Cum Laude

OLC Advanced Online Teaching  
Certification  
Completed 2016

Quality Matters Teaching  
Certification  
Completed 2018

Quality Matters Certified  
Reviewer Certification  
In Progress

### EXPERIENCE

2011- Present

**Program Coordinator • Economics • Houston Community College**

In addition to teaching requirements, chaired various committees to help ensure course aligns with mandated student learning objectives. Implemented online onboarding module to ensure student success by providing training to students on Canvas designed by documented successful behaviors of prior students. Using data driven research to design course to teach students “how to teach themselves” by improving their metacognition by tracking study behaviors. Courses taught include but not limited to: Business Statistics, Microeconomics, Macroeconomics, Managerial Economics, Introduction to Economics, and Economics Co-op internship program.

2012- Present

**Adjunct • Statistics • University of North Carolina – Pembroke**

In addition to teaching requirements, worked with the Teaching and Learning Department to develop predictive model for student behavior in order to optimize outcomes as well as numerous projects.

2015-2020

**Lecturer • Economics • University of Houston –Downtown**

Brought in to improve Econ 2301 which had second highest fail rate at University; at end of project course fail rate was trending above national statistics and Lead Professor Model was rolled out to College of Business core courses. In addition, taught 8 week

flipped section to students who had attempted course no less than twice to focus on areas of improvement including study behavior and meta cognition. During Tenure had only 3 students drop or fail Departmental final. Project was eventually eliminated due to funding. Other duties as assigned – reported to Dean of College of Business to provide data analytics on pilot program to increase

student success and retention. Responsible for designing surveys tools to capture both quantitative and qualitative data, collection, data analytic in order to create a predictive analytical tool to identify students who were at risk. Worked with academic success team to get additional wrap around resources.

As well as other ad hoc reporting including Lessons Learned Meeting format to review teacher effectiveness as well as success of various programs.

## KEY SKILLS

Strategic project management background with emphasis on strong planning, decision making buy-in and influencing skills

Confident communicator with extensive experience developing and delivering executive and team level communications when

Successful positive failure rate on multiple projects by identify barriers for needs assessment

Data Analytics  
Business Intelligence  
Authentic Leadership Style

Ability to manage conflict while championing change across highly matrixed teams

## COMMUNICATION

Led multiple workshops on “How to Use Big Data” to improve student outcomes, “Weighted Average Gradebook – no tricks” both through the Faculty Video Lounge platform. Resulting in materials being the second most accessed resource as per analytics available in Canvas. Big data presentation based off of research from Georgia State to quickly identify students in an effort to pair them with an academic coach; to increase student success. Gradebook presentation was effective for correcting multiple issues identified by various assistant Chairs on student complaints. In addition, provided current language for the HCC “Syllabus Template” to help set positive tone for student success and engagement. Ability to meet employees where they are, by realizing that there are cultural obstacles within organizations that can impact culture of change and quickly recognizing these influencers to gain buy-in to help create a more inclusive work space for all.

## LEADERSHIP

## ANALYTICAL SOFTWARE

SAS/Visual Analytics  
IBM Cognos  
Sisense  
JMP  
SPSS  
SAP/Crystal Reports  
Microsoft Power BI

Volunteered to work with the HCC Automotive Team during the Spring to bring 100% of their courses online within an 8 day period, despite the fact that more than 90% of the team was unfamiliar with Canvas. Worked with Chair to access courses and created a database to automatically generate course materials; which freed

Microsoft Project  
Tableau  
Microsoft Forms/Excel/Access  
Crystal Reports  
Qualtrics  
IDEA

up faculty's time to focus on creating course content for lab instructions. Assisted faculty in course design, implementation, and assessments in order for team to hit deadlines in order to deliver course content while reducing student anxiety.

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**INDUSTRY  
EXPERIENCE  
Available Upon Request**

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I've worked professionally and can provide references in the following sectors:

Investment Banking \* Energy \* Manufacturing \* Transportation \* Public Sector \*

Healthcare \* Marketing \* Construction \* Legal Technology