

# Michael Caballero, PhD

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<b>Summary</b>	High-achieving and Epic-certified PhD healthcare data scientist with experience leading advanced analytics projects. Relies on a strong interdisciplinary background to effectively communicate complex topics.	
<b>Skills</b>	<u>Programming</u> : R (tidyverse, Shiny) • Python (pandas, sklearn) • SQL • SAS <u>Statistical Learning</u> : Feature Engineering • Regression • KNN • NLP • Clustering <u>Cloud</u> : Google Cloud Platform (PubSub, BigQuery, APIs) • Microsoft Azure <u>Leadership</u> : Public Speaking • Project Management • Science Education	
<b>Experience</b>	<b>Hackensack Meridian Health</b>   Edison, NJ	Aug 2018 – current
	<i>Data Scientist</i>	
	<ul style="list-style-type: none"><li>- Researches and builds clinically applicable statistical learning models</li><li>- Wrangles complex datasets to validate clinical decision support models</li><li>- Leads cloud-based projects, using resources from partnered providers</li><li>- Automates hospital reporting, reducing turnaround from days to minutes</li><li>- Discusses findings with diverse stakeholders (clinicians, administrators)</li></ul>	
	<b>NYC Data Science Academy</b>   New York, NY	Apr 2018 – Aug 2018
	<i>Data Science Fellow &amp; Consultant</i>	
	<ul style="list-style-type: none"><li>- Supported instruction of introductory courses in R and statistics</li><li>- Provided project advice and troubleshooting help for 7 bootcamp fellows</li><li>- Lead a capstone project for a startup company</li><li>- Built a ski-tourism classification model from &gt;600k scraped observations</li></ul>	
	<b>Colorado State University</b>   Fort Collins, CO	Aug 2011 – Jul 2017
	<i>Graduate Research Fellow</i>	
	<ul style="list-style-type: none"><li>- Routinely evaluated experimental results with statistical significance tests</li><li>- Adapted through project troubleshooting and reprioritization</li><li>- Secured 3 research-funding fellowships from scientific agencies</li></ul>	
<b>Certifications</b>	Epic, Clarity Data Model <i>in prep</i>	2020
<b>Education</b>	PhD, Cell & Molecular Biology, Colorado State University	2017
	BS, Biology, University of Wisconsin – Madison	2010
<b>Interests</b>	Biotechnology • Gardening • Cross-country Skiing	