



Uplifting Healthcare Analytics for Greater Outcomes

TRAINING

Solving Problems, Closing Gaps and Optimising Opportunities



Facilitated by
RABIA KHAN
Epidemiologist, Data Whisperer,
Change-maker
Data Action Impact

Online → 10 & 17 October 2023



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Overview

As a Healthcare Analytics professional you have more data at your fingertips than ever. The increasing use of technology in healthcare has added to this pool of 'big data'. From telehealth, electronic patient records, electronic referrals and prescriptions - this is just the tip of the iceberg. All this digital health data has huge potential to improve population health and clinical and medical settings, when accurately analysed and understood.

However as you know healthcare data is not without its quirks and complexities. Plus you have deal with fragmentation and varying levels of data quality. Not to mention the minefield that are the ethical and privacy considerations.

A recent survey revealed that although 79% of healthcare executive say that data analytics is an intrinsic part of their organisation. Yet only 44% trust their data entirely, with 51% saying data quality is a challenge preventing them from successfully implementing analytics.

The **Uplifting Healthcare Analytics for Greater Outcomes** online training will address these concerns and much more. With a focus on understanding the key stakeholders, the role and responsibilities; formulating right questions and its impact on data analytics success; the role of descriptive analytics; harnessing the power of predictive analytics and navigating the ethical implications. These insights will enable you to identifying patient risk, improving patient outcomes and experience, recognising reduced clinical errors and reduced costs.

Who Should Attend

Directors, Heads of, Managers, Project Managers, Lead, Advisors:

- Data
- Analytics
- Information Management
- Data Management
- Digital Health
- Business analytics
- Clinical data
- Health informatics

Learning Objectives

- **Defining healthcare** analytics and its significance in improving healthcare outcomes
- **Understanding** the key stakeholders, the role and responsibilities
- **Learn about** descriptive statistics, comparative analysis, factor analysis, time series analysis and regression analysis
- **Identifying** and formulating right questions and its impact on data analytics success
- **Explore how** to solve problems with healthcare analytics

Why Attend

- **Understand how** to improve the way you work with healthcare data
- **Appreciate** the quirks and complexities of healthcare data
- **Upskill on** predictive analytics and the ethical implications
- **Explore** descriptive analytics
- **Hone your critical** thinking and problem solving skills

Meet Your Facilitator



RABIA KHAN

Epidemiologist, Data Whisperer,
Change-maker
Data Action Impact

With 20 years' experience working across the world, and in both government and not for profit sector, Rabia Khan has been solving complex problems using data. She has worked on issues like COVID-19 pandemic, antibiotic resistance, mental health, poor housing, air pollution, and even making our complex public systems work better. Rabia has worked in big organisations like the OECD, NHS England, NSW Health, Queensland Health and The George Institute to create meaningful change across the world. She is also a board member of TUFH- an international organisation that fosters equitable community-oriented services and education with the goal of improving health locally and globally. Rabia has found her 'sweet spot' in using data to help people to do better, to make better decisions, and to increase their impact through meaningful change. She works with people to solve problems using data. She also builds expertise by sharing her skills and knowledge and telling stories that stick.

Preparation

This workshop is highly interactive with group activities and discussions throughout. Come prepared with some current challenges you are facing in your organisation.

To participate you'll need:

- A computer with camera and microphone
- Strong internet connection
- Quiet, well-lit space
- Current challenges you are facing

Register Early & Save

Extra Early Bird	Early Bird	Standard Price
Register by 18 th Aug	Register by 8 th Sep	Register by 9 th Oct
\$795 + GST	\$995 + GST	\$1,195 + GST
Save \$400	Save \$200	-

[CLICK HERE TO REGISTER](#)

*Group Discounts Available - Contact Registration at registrations@publicsectornetwork.com or Call on (02) 9057 9070

Explore the Agenda

DAY 1 | 10 October 2023, 10:00am - 02:30pm AEDT

10:00am Welcome, introductions and overview

10:20am Module 1: The fundamentals of healthcare analytics

Addressing Challenges and Improving Healthcare Outcome

- Defining healthcare analytics
 - Discussing the challenges and gaps that effective analytics can address
 - The role of data and analytics in improving healthcare outcomes
-

11:00am Break

11:15am Key stakeholders and their roles in healthcare analytics

- Understanding the key stakeholders
 - Their roles and responsibilities
-

12:00pm Lunch

12:30pm Module 2: Formulating the right questions of your data

Asking the right questions in healthcare analytics

- Recognize the impact of well-formulated questions on the success of healthcare analytics projects
 - Build meaningful insights and actionable outcomes
-

01:15pm Break

01:30pm The role of critical thinking and problem-solving

- Identifying the problems that you want to help
 - Critical thinking
-

02:15pm Reflections and Closing Remarks

02:30pm End of Day 1

DAY 2 | 17 October 2023, 10:00am - 02:30pm AEDT

10:00am Welcome and Recap

10:15am Module 3: Descriptive Statistical Analytics in Healthcare

Descriptive statistical analytics in healthcare

- Apply descriptive statistical techniques to gain insights into patient populations, healthcare utilisation, and trends
 - Interpret descriptive analytics results to identify patterns, outliers, and potential areas for improvement in healthcare delivery
 - Communicate descriptive analytics findings effectively to stakeholders in the healthcare domain
-

12:15pm Break

12:45pm Module 4: Predictive Analytics in Healthcare

Understand the role of predictive analytics in healthcare

- Explain the concept of predictive analytics and its role in healthcare decision-making and planning.
 - Understand the underlying concepts and techniques of predictive analytics in healthcare
 - Discuss the ethical considerations and challenges associated with predictive analytics in healthcare
-

02:15pm Reflections and Closing Remarks

02:30pm End of Training



Get In Contact

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PUBLICSECTORNETWORK.COM

AUSTRALIA / NEW ZEALAND

P +61 2 9057 9070

E info@publicsectornetwork.com

USA / CANADA

P +1 (647) 969 4509

E contact@publicsectornetwork.com

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