



# UnitedHealth Group

## Artificial Intelligence (AI) Summit



| Date   | Time             | Track              | Presentation Title                                                                | Speaker                                                                                                                                                                                                                                                                                              |
|--------|------------------|--------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 20-Jul | 08:15 - 08:30 AM |                    | Welcome Address Day 1                                                             | David Frankenfield<br>Vice President Enterprise Data and Analytics - Optum                                                                                                                                                                                                                           |
| 20-Jul | 08:30 - 09:30 AM |                    | Improving Healthcare Outcomes With Responsible AI                                 | Navrina Singh<br>Founder and CEO - Credo AI                                                                                                                                                                                                                                                          |
| 20-Jul | 09:45 - 10:45 AM | Technical          | (OTU) Explainable AI                                                              | Ryan Allen<br>Senior Principal Engineer in Artificial Intelligence<br>Sandeep Sharma<br>Director - Product Management, ATC                                                                                                                                                                           |
| 20-Jul | 09:45 - 10:45 AM | Non-Technical      | (OTU) Intro to NLP                                                                | Dan McCreary<br>Distinguished Engineer - Optum Advanced Technology Collaborative<br>Ravi Sripada<br>Principal Engineer in Enterprise Enablement and Platform Services Group                                                                                                                          |
| 20-Jul | 09:45 - 10:45 AM | Success Stories    | Auto Call Summarization                                                           | Rajesh Sabapathy<br>Distinguished Engineer and Senior Director for Data Science in the Enterprise Data & Analytics<br>Prashanth Sarpamale<br>Sr. Vice President - UHC Operations Analytics, UnitedHealthcare<br>Aditya Josyula<br>Sr Director Data Science - UHC Advanced Research & Analytics (ARA) |
| 20-Jul | 09:45 - 10:45 AM | Advanced Technical | Combining Image & Genome based ML techniques for better Oncology related analysis | Rama Singh<br>Machine/Deep Learning and Statistics Practitioner<br>Ravi Pande<br>Analytics and Technology Profession<br>Priyank Jain<br>Healthcare Analytics Delivering ML and AI Solution                                                                                                           |

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| 20-Jul | 11:00 - 12:00 PM | Non-Technical      | (OTU) Introduction to HumanCentered Artificial Intelligence (HCAI) | Kristan Hodge<br>User Experience Director - United Design<br>Marta Sikora<br>Principal UX Designer - TLCP                                                                                                                                                                                                                  |
| 20-Jul | 11:00 - 12:00 PM | Technical          | Disease Prediction & Attention Mechanism                           | Michael McCarthy<br>Senior Principal Data Scientist - TLCP<br>Conor Waldron<br>Senior Manager of Data Science                                                                                                                                                                                                              |
| 20-Jul | 11:00 - 12:00 PM | Advanced Technical | Interactive AI/ML                                                  | Oznur Alkan<br>Lead AI Engineer - Advanced Technology Collaborative                                                                                                                                                                                                                                                        |
| 20-Jul | 11:00 - 12:00 PM | Success Stories    | Making Search Smarter                                              | Laura Hamilton<br>VP Product, Personalization and Machine Learning - Optum Digital<br>Vinit Garg<br>Engineering Leader                                                                                                                                                                                                     |
| 20-Jul | 12:00 - 01:00 PM |                    | Panel - UHG Business Perspectives on AI/ML                         | David Frankenfield<br>Vice President Enterprise Data and Analytics - Optum<br>Garry Choy<br>Senior Vice President & Deputy Chief Medical Officer within Enterprise Medical Affairs & the Office of the Chief Medical Officer - UnitedHealth Group<br>Alejandro Reti<br>Chief Medical Information Officer, Optum Technology |
| 20-Jul | 01:00 - 01:15 PM |                    | Summit Day 1 Close                                                 | Steve Griffiths, PhD, MS<br>SVP, Data and Analytics - Optum Labs                                                                                                                                                                                                                                                           |
| 21-Jul | 08:15 - 08:30 AM |                    | Welcome Address Day 2                                              | David Frankenfield<br>Vice President Enterprise Data and Analytics - Optum                                                                                                                                                                                                                                                 |
| 21-Jul | 08:30 - 09:30 AM | Non-Technical      | Getting started with your AI/ML Learning Path!                     | Kristin Mertes<br>Associate Director of Training<br>Nicolle Swanson<br>AI Domain Lead - Optum Technology University                                                                                                                                                                                                        |
| 21-Jul | 08:30 - 09:30 AM | Advanced Technical | Image Embedding                                                    | Ahmed Selim<br>Optum Senior Inventor                                                                                                                                                                                                                                                                                       |

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| 21-Jul | 08:30 - 09:30 AM | Technical          | Optum Ventures: Health AI Companies in the Optum Ventures Portfolio | Kaylan Anderson<br>Partner, Optum Ventures<br>Nikhil Buduma<br>Co-Founder, Ambience Health and Author of Fundamentals of Deep Learning<br>Benjamin Beadle-Ryby<br>SVP, Commercial and Co-Founder, AKASA<br>Derek Lo<br>Founder & CEO, Medallion |
| 21-Jul | 08:30 - 09:30 AM | Success Stories    | Provider Signature FWAE Model                                       | Saransh Rawat<br>Lead Data Scientist - OGA<br>Mark Kanner, PhD<br>Principal Data Scientist - United Healthcare                                                                                                                                  |
| 21-Jul | 09:45 - 10:45 AM | Advanced Technical | Automated Speech Recognition (ASR)                                  | Galina Grunin<br>Distinguished Engineer in the Advanced Technology Collaborative<br>Andrey Volozin<br>Senior Principal Architect - Advanced Technology Collaborative                                                                            |
| 21-Jul | 09:45 - 10:45 AM | Success Stories    | DICOM Image extraction with Nuance                                  | Russell Amundson, MD<br>National Senior Medical Director, MSK/Radiology/ DME/Therapy - UnitedHealthcare<br>Gaurav Mantri<br>Associate Director - Data Science                                                                                   |
| 21-Jul | 09:45 - 10:45 AM | Technical          | Generalization: The Key to Building Reusable Healthcare Rules       | Dan McCreary<br>Distinguished Engineer - Optum Advanced Technology Collaborative<br>Mark Megerian<br>Senior DE - Optum's Enterprise Clinical Technology                                                                                         |
| 21-Jul | 09:45 - 10:45 AM | Non-Technical      | Responsible Development and Use of AI                               | Dennis Chornenky<br>Chief AI Officer - Optum Health<br>Abby Steele<br>UnitedHealth Group's AI/ML Responsible Use Program                                                                                                                        |
| 21-Jul | 11:00 - 12:00 PM | Success Stories    | CAG (Carrier Account Group) Sense                                   | Matt Dorsey<br>Sr. Dir Architecture Optum RX                                                                                                                                                                                                    |
| 21-Jul | 11:00 - 12:00 PM | Non-Technical      | Get a head start on AI/ML transparency with explorable explanations | Vitorio Miliano<br>Principal, User Experience, Technology Leadership at Optum's UnitedDesign                                                                                                                                                    |
| 21-Jul | 11:00 - 12:00 PM | Technical          | Health Recommendation Ranking                                       | Huzaifa Sial<br>Sr. Director, Product for Personalization & Machine Learning at Optum Digital<br>Ayush Tomar<br>Principal ML Scientist at Optum Digital                                                                                         |

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| 21-Jul | 11:00 - 12:00 PM | Advanced Technical | Healthcare Graph/Graph Neural Network         | Adam Russell<br>Senior Principal Engineer, TLCP<br>Robert Rossmiller<br>Senior Software Engineer                                                                                                                                                                   |
| 21-Jul | 12:00 - 01:00 PM |                    | Panel - State of AI in Healthcare/AI Maturity | Dennis Chornenky<br>Chief AI Officer - Optum Health<br>Tamara Sipes, PhD<br>Chief Data Scientist - UnitedHealthcare<br>Eran Halperin<br>SVP of AI and Machine Learning in Optum Labs<br>Jason Haupt<br>Chief Data Scientist of Optum Enterprise Data and Analytics |
| 21-Jul | 01:00 - 01:15 PM |                    | Summit Day 2 Close & Call to Action           | Dave Meissner<br>Leader of Optum Tech University<br>David Frankenfield<br>Vice President Enterprise Data and Analytics - Optum                                                                                                                                     |