

Workshops

6th Oct | Morning | 9:00-12:00

Workshop One | Tennyson Room

API to AI: Building End-to-End Pipelines in Databricks

Instructor:

Andres Baravalle | Alex Cole | Ian Payne
Kubrick Group

Databricks is a unified data and AI platform that lets you build end-to-end pipelines from raw data ingestion through AI-powered insights and business dashboards - all in a single, governed environment, using SQL, Python, R, and modern AI tooling.

What you'll learn:

- Building an end-to-end data and AI pipeline on Databricks
- Calling foundation models directly from SQL with AI functions to classify, extract and summarise at scale
- Reaching those same AI functions from Python and R via the Databricks SQL Statement Execution API
- Delivering AI and BI with Unity Catalog, Genie and dashboards, and what LLM inference really costs at scale

Workshop Two | Wordsworth Room

From Data to Decisions: Storytelling with Power BI Dashboards

Instructor:

Namrah Ghafoor
Senior Analyst | Salford City Council

Move beyond traditional reporting and learn how to turn complex data into clear, actionable insights using Power BI. This session focuses on storytelling through dashboards that don't just show what is happening, but explain why it matters and what to do next.

What you'll learn:

- Designing Power BI dashboards that tell a clear data story
- Turning complex datasets into simple, impactful visuals
- Highlighting key trends and business insights
- Using storytelling to support confident, data-driven decisions

Workshops

6th Oct | Afternoon | 14:00-17:00

Workshop One | Tennyson Room

Development to Deployment: Infrastructure for Data Teams

Instructor:

Stephen Price

Data Science Lead | City & Guilds

Modern analytics applications need reliable deployment across environments. This hands-on session explores building robust environments and deployment workflows to ensure your data applications run consistently anywhere.

What you'll learn:

- Reproducible environments with Ubuntu VMs and Nix
- Deploying apps with containers, PostgreSQL, and tooling
Publishing Shiny, Quarto, and FastAPI services together
- End-to-end deployment for scalable analytics solutions

Workshop Two | Wordsworth Room

AgentOps: Operationalise Agentic AI at Scale Using AWS

Instructor:

Dayo Oguntoyinbo

Senior Applied Scientist | Amazon Web Services (AWS)

As organisations move AI agents into production, AgentOps provides a framework for managing them at scale. This session explores how AWS and Amazon Bedrock AgentCore can help organisations govern, monitor and operationalise AI agents in real-world environments.

What you'll learn:

- Building CI/CD pipelines for AI agents
- Governing agent access and permissions
- Monitoring performance and detecting drift in production
- The four pillars of AgentOps: governance, operations, evaluation, and observability

Agenda

Day One | 7th Oct

09:00 to 10:30 | Session One | Keynotes

09:00 to 09:10 | Conference Opening Remarks | Jeremy Horne

09:10 to 09:50 | Nicola Rennie, Office for National Statistics

09:50 to 10:30 | Leanne Fitzpatrick, Financial Times

10:30 to 11:00 | Break

11:00 to 12:30 | Session Two

Stream One | Renaissance Room

From Insight to Impact: A Shiny App for Public Decision Making

Jonathan Taylor & Tim Sunderland
Panlogic & Natural England

UK Biodiversity Data: Stories and Opportunities

Will Millard
National Biodiversity Network Trust

Building Stakeholder Confidence in (inconsistent) Enterprise Data

Hurma Ehtesham
Civic

Stream Two | Noblesse Room

Building Your Universe in Python

Stephen Wilkins & Aswin Vijayan
University of Sussex

Lessons from the SPHEREPPL NHS Severe Patient Harm Forecasting Contest

Nick Howlett
BNSSG ICB (NHS)

Success from Interdisciplinary Collaboration Personalisation

Fiona Pye
AutoTrader UK

12:30 to 13:30 | Lunch

13:30 to 15:00 | Session Three

Stream One

Who is that doggy in the classified advert? Using standard laptop hardware for deduplication and programmatic classification of web-scraped advertisements of dogs

Bree Merritt & Ben Cooper
Royal Veterinary College | Dogs Trust

Stream Two

Data, People and Planet

Megan Bourne
Levy

Agenda

Day One | 7th Oct

Navigating Package Updates
with AI Diffify
Colin Gillespie
Jumping Rivers

Fuzzy Navel: Modelling Subjective
Cocktail Experiences in R
James Bore
Bores Group Ltd

Shiny, but Make It Reproducible
Ashley Baldry
Acuity Analytics

The Bacon Pipeline: Is AI Changing
The Way We Make Bacon?
Lowell Gould
Smithfield Foods

15:00 to 15:30 | Break

15:30 to 17:00 | Session Four

Stream One

Agentic AI Systems for Cloud
Migration: Embeddings,
Orchestration, and Azure Integration
Timothy Wong & Alessandro Abati
London Stock Exchange Group

mini007: Designing, Managing, and
Orchestrating AI Agents in R
Mohamed El Fodil Ihaddaden
HDI GLOBAL SE

Anatomy of an AI Agent: From
Prompt Chains to Production
Workflows
Lee Davies
HiAi

Stream Two

Stop Ghosting Your Customers
Founder
TalkShop

Please Tell Me That Graph
Isn't a Plot
Charlotte Hadley
Graph Plot Chart Data Story
Charlotte Hadley
Graph Plot Chart Data Story

Beyond 30-60-90: Finding the True
Duration of Churn Benefit
Andrew Kelly
Sky UK

17:00 | Closing Remarks | End of Day One of EARL

18:00 | Evening Event at Brighton Palace Pier

18:00 | Fairground Rides
18:30 | Palm Court opens for welcome drinks
19:00 | Welcome from Jeremy and our charity partners
19:15 to 20:15 | Food service begins with live magician
21:45 | Last orders at the bar
22:00 | Event closes

Limited Tickets Available at Front Desk

Agenda

Day Two | 8th Oct

09:00 to 10:30 | Session One

09:00 to 09:05 | Day Two Opening Remarks | Abbie Brookes

09:05 to 09:55 | Panel

Stop Seeking Certainty: Leadership Bravery in the Age of Data Overload

Host: Alice Dewar-Mills, Fractional on Demand

Panellists: Martyn Fagg, Tillo
Matt Thomas, British Red Cross
Kat Mitchell, MPB

09:55 to 10:25 | Lightning Talks

Shiny Happy Centres: Visualising Performance with Speed and Ease
Alison Telford, City & Guilds

Model over Mindset
Steve Hooley, Data Steve Ltd

Lets Hunt Aliens
Fanzhou Liang
Connect Fibre Ltd

10:30 to 11:00 | Break

11:00 to 12:30 | Session Two

Stream One

Don't Trust the Data
Sophie Boulderstone & Simon Dixon
Inkie

Stream Two

Is Someone Poisoning Your Data?
Or, The Curious Misadventure of a
Holiday Company That Trusted
Price Intelligence and Began to
Suspect Their Competitors Had
Other Plans
Andres Baravalle
Kubrick Group

Your Marketing Is a Mess and Google
Analytics Is the Problem
Jeremy Horne & Abbie Brookes
Datacove

Using LLMs to Bootstrap
Interactive Company Classifiers
at Scale
Alastair James
Goodfit.io

Agenda

Day Two | 8th Oct

The Ethics of Using Data to Sell Stuff:
A Short Battle with Vic's Conscience

Victoria Searl
DataHawks

Data to Narrative: Developing an
Interactive Scrollytelling for the
Asylum System

Ciarán Fitzsimons
National Audit Office

12:30 to 13:30 | Lunch

13:30 to 15:00 | Session Three

Stream One

Talk to be confirmed

Stream Two

Breed as Brand: Analysing Breed
Demand on the Puppy Market with
BERT-based NER

Katharine Ross & Dominic Pearce
University of Edinburgh & Chromatin
Bioscience

Applying a Survey based
segmentation to a Analytical
Customer Database

AJ Small
Sky UK

Beyond the Code: Thriving
in Data Careers

James Mullan
Analytix 360

Thinking Beyond the Data

Agnes Trocinska
Active Scene

Bridging the Gap: A Practical,
Opinionated Checklist for
Designing Tech Solutions That
Deliver Real Business Impact

Elizabeth Brown
Branding Science

15:00 to 15:30 | Break

15:30 to 17:00 | Session Four | Lightning Talks & Keynote

Building a Realistic Physics-Constrained Concentrated Solar Power Plant
Revenue Optimiser using Python and PyTorch

George Oxley & Seb Davies, DabApps

See Your Pipeline While It Runs: Lightweight Monitoring in Py with Plotsrv

Samuel Anees-Hill, City & Guilds

Building Agentic AI Systems That Actually Work in the Enterprise

Seth Shenbanjo, Rodan Analytics

16:05 to 16:50 | Mike Smith, Pfizer

16:50 | End of Conference | Jeremy Horne Closing Remarks