

Dundee Data Meetup- May2025

AI Roundtable Discussion

Introduction

- **Welcome & Energy check**
- **Safe space reminder**
- **Process:** hands up to speak, say your name + brief intro/context, keep contributions to 1-2 minutes
- **Tonight's focus:** exploring approaches to AI challenges

DUNDEE

DATA

MEETUP



<https://ddm.scot/>

AI Usage- Current Use Cases

Usage

Summarise external sources of data using NLG to synthesis new content

Zapier to read, summarise and read newsletter in podcast

Error spotting

For knowledge-sharing within a regulated industry

To check students' syntax error

For for coursework + coding

to help speedup research process

To generate ransomware for research purpose to develop anti-malware

Test the realistic of a photos

Use RAG -but limited by computing power

Fine-tune language

To do a in-depth research about someone

To discover the unknown unknown



Challenges & Risks

Personal & Social Concerns



Key Challenges from Session 1

Category 1: Ensuring Trustworthy AI Interactions

Hallucination

Data security
on uploaded
data to AI/LLM
platforms

How do
you spot
AI error?

Category 2: Maintaining Human Agency & Critical Thinking

We
become
lazy

Removing
human
interviews on
user research

Offloading
emotion
to AI

Losing human
interaction by
the use AI
therapist

AI
influencing
decision-
making

Exploring Approaches

Individual Strategies- What can we do personally in our daily interactions with AI?

Organisational Practices- How might workplaces, companies, or teams approach this?

Technical Solutions - What technical solutions exist or could be created to address these challenges?

Category 1: Ensuring Trustworthy AI Interactions

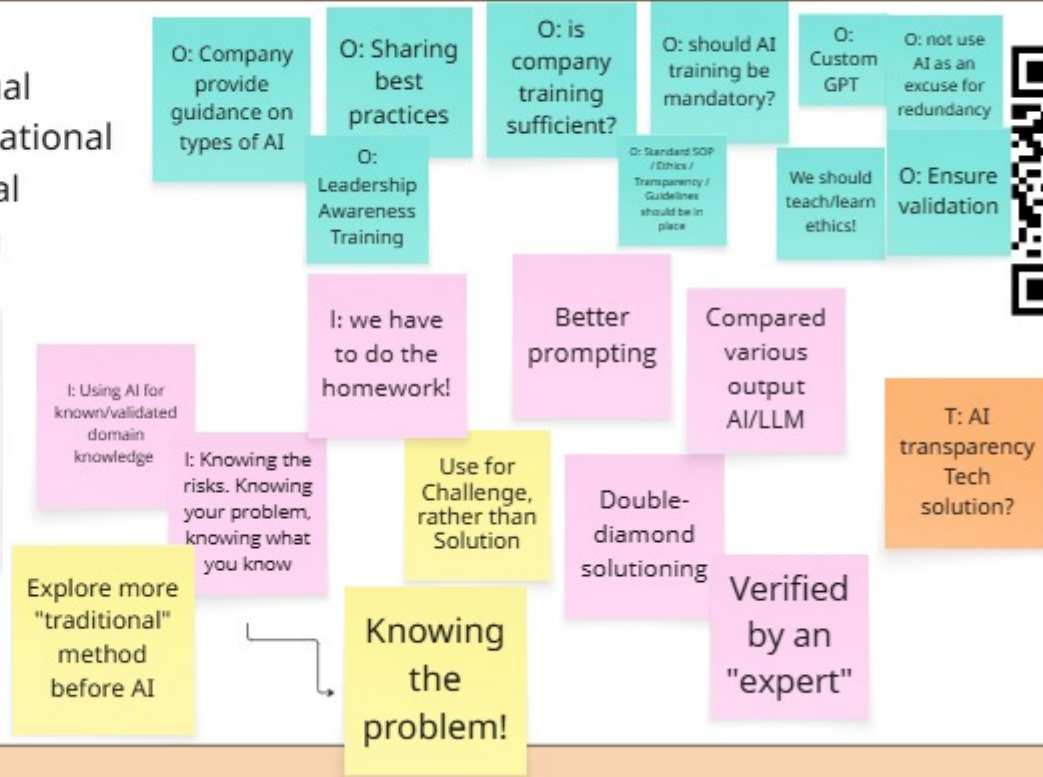
- Data Biases
- Hallucinations
- Spotting AI errors
- Data Security Concerns

Approaches

Prompts:

1. Individual
2. Organisational
3. Technical solution

Sticky stack



Category 2: Maintaining Human Agency & Critical Thinking

- Critical Thinking
- Losing human interaction
- Skills & education needs
- "We become lazy"
- Domain knowledge verification
- AI influencing decision

Approaches

Prompts:

1. Individual
2. Organisational
3. Technical solution

Sticky stack



I: Literacy/critical thinking amongst younger generation

I: Speak it out loud - to allow for deep thinking

I: deliberate asking a question without an answer

I: share AI experience with younger generation - demo

I: reflective ways

O: Education on critical thinking

O: basic computer literacy?

O: reduce Screen time and focus on interpersonal skills

O: treat it in moderation

O: Governmental regulation



Reflection – What one approach you found interesting and might try

Sticky stack



There's a
need for an
AI fact
checker

Made me
think about
FOling use of
AI in public
sector 😊

<https://www.mattillion.com/blog/ai-judges-finding-the-best-model-for-evaluating-gen-ai-outputs>

Don't
fully
trust AI

Using AI
to expand
on ideas

Embrace
AI - as a
tool



Using 3
different
lens

Speak to
real human
-reduce
screen time

There's
diverse lens
of
perspectives

Read
summary
and check
the sources

Keep using
it to
descramble
my
thoughts

Understanding
risks,
understand the
AI and it's
capability

Leadership
/ top down
approach
can be
important

Use AI to
challenging
your own
ideas

Reflection & Resources

Key Takeaways



[Living with AI](#) – Scottish AI
Alliance

What topics would you like to see at
future meetups?



Reflection – What one approach you found interesting and might try

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