Ishango.ai

Challenge Scoping Form - #AfricaBuildsAI Hackathon

Organisation introduction
- Provide a brief overview of your organisation and how data plays a role in your work

DisputesEfiling.com Limited (DEF) is an online platform supporting all forms of out of court dispute resolution e.g. mediation. Hosted in three geographically discrete Tier 3 data centres in southern England we provide a service to mediators and other neutrals across the globe 24/7/365.

We are GDPR compliant to ensure the data we hold in confidential mediations is secure and preserves mediators' duty of confidentiality. We are developing a feed of pseudonymised data to inform our customers evaluation of their service and to Governments.

Challenge question/prompt
- Briefly describe the data-related challenge you would like our teams to work on during the 1-week hackathon. Add links to any further information that can help our teams understand the problem/context better

Justice systems around the world are embarking on the era of mass resolution which is managed outside court and managed online using platforms such as DEF. In England and Wales (E&W) this means managing about 250 mediations per day; a total annual market share of 75,000 cases. We are at work in other jurisdictions e.g. Greece and Pakistan to help them clear their Backlog of court cases.

To do so we need to remove bottlenecks from the mediation process and it is with the removal of these bottlenecks that we challenge the team to devise AI that:
  a) matches mediators to cases by reference to criteria such as value of claim, claim type, mediator experience and number of years working as a mediator; and,
  b) arranges the diatries of all parties to a case to enable the smooth booking of a date for the mediation.

Skills & competencies
- What specific skills & tools (e.g. programming languages, data tools or methods) would you recommend the teams to have in order to be successful in this challenge?

The Platform is written in PHP Core but it is a stand-alone test solution we seek to consider first and then explore integration.

Data
- What data will the teams need access to for this challenge? How would this be shared/accessed?

Mediators' profiles available online with our mediation service provider ADR-ODR International Limited (AOI). The profiles are available online at AOI's website.

Point of contact
- Who will be the point of contact for teams during the hackathon? (To attend a briefing call, mid-point check-in & final presentation by the team as well as be added to the team slack channel)

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