Hackathon for Good The Hague

Hackathon for Good started in The Hague with the mission to connect AI and Data to the world of Humanitarian Development and Aid. After two successful editions by Data Science Initiative we broaden our scope with more topics, more partners and first international editions coming up. Every edition always has a touch of ethics & data.

We are an alliance of innovators with a special interest in tech driven innovation for good. Most of us are rooted in The Hague, Impact City, but with the success of Hackathon for Good the alliance is spreading across the world. Let us know if you want to be part of this.

The first Hackathon for Good took place in 2018. This edition was organized by the Data Science Initiative in The Hague. Various partners such as NAVO, ICC and the Red Cross were involved and gave participants the opportunity to develop innovative solutions for global social issues using data. Due to the success of this edition, the second edition of the Hackathon for Good took place in 2019, where hundreds of participants took part as well as partners such as the United Nations and the European Commission.

International talent hacks for a better world

During the weekend of 27, 28, and 29 November the third edition of the Hackathon for Good takes place. This edition is the first edition that is completely online. Business pioneers, tech talents & experts in artificial intelligence, big data and coding are challenged to develop data solutions for a better world. They will work on challenges by Municipality of The Hague, the Police, EVE & The Hague Legal Tech Alliance.

The Hackathon for Good - The Hague is hosted by the Municipality of The Hague and organized by The Hague Tech, in close collaboration with the Hague innovation ecosystems consisting of the hubs: The Hague Security Delta, The Hague Humanity Hub, and the programs YES! Delft, WorldStartup, Data Science Initiative, and Digital Competence & Education Center. During the weekend of 27, 28, and 29 November, talent from all over the world develop innovative solutions for global social issues. Each team works on a data solution for one of the participating organizations. The total prize money is € 3,500.

The challenges

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Municipality of The Hague

Shared mobility is considered the future of urban mobility. It saves space, helps reduce emissions, and is sustainable. The Municipality of The Hague stimulates the use of shared mobility for a cleaner and healthier city. But does shared mobility have the expected impact on the city? Will car owners exchange their private car for shared cars? How much does shared mobility contribute to CO2 reduction in the city? Does bicycle-sharing replace the use of public transport, or does it generate new journeys? The city now faces the challenge of obtaining the data and information to answer these questions.

The Police

Environmental crime is on the rise and is now widely recognized as one of the largest criminal areas in the world. To combat environmental crimes effectively, they must first be easier to detect. Not only law enforcement officers, but especially citizens, need to know what is happening in their backyard. Citizens need to know what to watch out for and when to call the authorities. What this requires is a system that can process all kinds of different data from different sensors, cluster the resources, determine what is expected within a cluster, and then detect anomalies within a cluster. Subsequently, subscribers in a specific area should receive a warning about the anomaly, including a particular context so that the citizen knows what to look for and information about when to contact which government agency. The challenge is to create something more user-friendly and natural that evokes a call to action that is relevant to the user.

The challenges

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<u>EVE</u>
A good legal system is essential for the proper functioning of an economy. EVE's mission is to give everyone access to a court of law. Eve is faced with several problems that she challenges participants to solve. It is striking that many entrepreneurs in legal disputes are looking for free or affordable legal advice about their position. With Eve you don't need a lawyer, but people hardly dare to go to Eve's court without advice about their legal position. The resources currently available are clearly inadequate. The challenge is: Design a tool with which every citizen can determine their legal position in a conflict. In any case, this tool should be free and simple. The tool should not depend on or be influenced by commercial elements.

<u>The Hague Legal Tech Alliance</u>
The Hague Legal Tech Alliance (THLTA) is an initiative of the Municipality of The Hague and Pels Rijcken. THLTA is convinced that technology can contribute to the transparency of the law and case law, without undermining the protection of privacy, for example through the use of automatic cleaning programs. THLTA is challenging participants in this year's Hackathon for Good to create mock-ups of technology applications that contribute to document generation. The transparency and privacy requirements of these documents should be taken into account and fulfilled directly through the application. In addition, the mock-ups must contain or contain automatic cleaning properties. THLTA also hopes that the participants in this Hackathon will gain more insight into (future) possibilities to facilitate the traditional legal institutions in The Hague to also make the step towards a digital society in other areas.