



# Institute of Actuaries of India

Statutory body established under an Act of Parliament

Unit No. F-206, 2nd Floor, F Wing, Tower II, Seawoods Grand Central,  
Plot no R-1, Sector 40, Nerul Road, Navi Mumbai - 400706  
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## Result of First Hackathon by Advisory Group on Data Science & Analytics (AGDSA)

### Background

Actuarial profession and Actuaries are expanding their horizon beyond the traditional domain. One of the most relevant fields where actuaries can contribute is in the field of Data Science. Data is available in abundance and professionals like actuaries can provide immense value to every Industry through their analytical and data modeling skills. Hackathons are social events which bring technocrats, programmers and data scientists together to solve problems of social importance. Hackathon is a collaborative, yet competitive event, which invokes innovation among the professionals and creates awareness. The AGDSA conducted the first ever Hackathon that enabled IAI members to participate as a team and work on a real life data set focused on climate change using programming languages like R and Python. This was a week long programme, and enabled the IAI Members to showcase their programming and modeling skills in solving real life problems. This was an attempt.

### Objectives IAI on Conducting the Hackathon:

The First Hackathon by AGDSA has opened up new flagship event in the history of IAI. The main objectives of conducting the hackathon are as follows:

- Promote the spirit of social problem solving and promote actuarial members into various Data Science field.
- Encourage Programming, Modeling and Problem Solving using analytical approaches through Hackathon can help actuaries develop skills needed to enter Data Science domain.

### Benefits of Hackathon

- Events like Hackathon creates visibility and branding for the Actuarial profession among Employers, Government, Regulators and Public at large.
- To showcase the actuarial talent into the wider data science domain and its impact on Public good
- Following statistics shows the success of the First Hackathon:

#### Hackathon Statistics

- Hackathon Period : Feb 2020
- Number of Registered Teams (Participants) : 86 Teams (386 participants)
- Number of teams completing the Hackathon : 7 Teams
- Number of Cities participated : 23
- Number of Countries : 5
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## Hackathon Results

Heartiest Congratulations to all the participating and winning teams for their splendid victories in "1<sup>st</sup> Hackathon on Climate Change and Sustainability".

Rank	Team Names	Summary of Prizes	Team Members
1	DSACTED	First Prize – Rs 25,000/-	Divyam Sankharva Pavan Jethvani
2	Decoders	Second Prize – Rs 15,000/-	Om Vishnumurti Prabhu Kanchi Prabhat Poddar Hetvi Sandeep Dhruva
3	Fenam	Third Prize - Rs 10,000/-	Fenam Sogani

**Our heartiest congratulations to the winning teams.**

Kind Regards,

Sunil sharma,  
President,  
Institute of Actuaries of India  
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