2022
DSSGx UK (Warwick)
DSSGx Germany (Kaiserslautern)
- Participant Application Form -

The Data Science for Social Good Summer programmes at Warwick (DSSGx UK) and Kaiserslautern (DSSGx Germany) have a joint application process. At the end of this form you will be able to choose whether you would like to be considered for both or only one of the locations.

Please note that it is not possible to save this form and come back later. The form is quite long, therefore we suggest to prepare responses offline and then copy-and-paste them into the form. A PDF version of the document is available here:
https://files.warwick.ac.uk/jbranke/files/DSSG/DSSGFellowApplication.pdf
(https://files.warwick.ac.uk/jbranke/files/DSSG/DSSGFellowApplication.pdf)

* Required

Personal Details

1. Full Name *

2. Preferred Name

3. Email *

12/13/2021
4. Phone (including country code) *

5. Address *

6. Self Description (Free text 200 words)

7. Gender Identification:
   - Woman
   - Man
   - Non-binary
   - Prefer not to say
Education & Skills

8. University Name

9. Major/Department

10. Expected Graduation Date (or date when you last graduated)

11. Transcripts: Please provide a link for us to download the transcript (e.g., google drive, dropbox, etc.)
12. Computer Programming:
- No experience
- Some experience
- Expert

- No experience
- Some experience
- Expert

14. Traditional Statistics:
- No experience
- Some experience
- Expert

15. Machine Learning:
- No experience
- Some experience
- Expert

16. Social Science (Economics, Sociology, PoliSci...):
- No experience
- Some experience
- Expert

12/13/2021
17. Experience Working on Real-World Problems Using Data:
   - No experience
   - Some experience
   - Expert

18. Experimental Design & Methods (RCTs, A/B testing, etc.):
   - No experience
   - Some experience
   - Expert

19. Data Manipulation & ETL Skills:
   - No experience
   - Some experience
   - Expert

20. Visualization:
   - No experience
   - Some experience
   - Expert
21. Python:
   - No experience
   - Used in a course
   - Have written moderately complex code
   - Have written complex applications or modules
   - Use it for fun or work regularly

22. R:
   - No experience
   - Used in a course
   - Have written moderately complex code
   - Have written complex applications or modules
   - Use it for fun or work regularly

23. C/C++/C#/Java:
   - No experience
   - Used in a course
   - Have written moderately complex code
   - Have written complex applications or modules
   - Use it for fun or work regularly
24. Other Programming Languages

25. Programming Experience: Please summarize your programming experience (300 words)
Data Handling & Manipulation

26. SQL:
   - No experience
   - Used in a course
   - Use it for fun and work regularly

27. GIS Tools:
   - No experience
   - Used in a course
   - Use it for fun and work regularly

28. Matlab:
   - No experience
   - Used in a course
   - Use it for fun and work regularly

29. SAS:
   - No experience
   - Used in a course
   - Use it for fun and work regularly
30. SPSS:

- No experience
- Used in a course
- Use it for fun and work regularly

31. Stata:

- No experience
- Used in a course
- Use it for fun and work regularly

32. Data Handling and Analysis Experience (summarise in at most 300 words):

[Blank space for response]

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Statistics & Machine Learning

33. Regression Models:
   - Huh?!
   - Used them in class
   - Used in my own work or research

34. Decision Trees:
   - Huh?!
   - Used them in class
   - Used in my own work or research

35. SVMs:
   - Huh?!
   - Used them in class
   - Used in my own work or research

36. Random Forests:
   - Huh?!
   - Used them in class
   - Used in my own work or research
37. Neural Networks/Deep Learning:
   - Huh?!
   - Used them in class
   - Used in my own work or research

38. Time Series Models:
   - Huh?!
   - Used them in class
   - Used in my own work or research

39. Unsupervised Models:
   - Huh?!
   - Used them in class
   - Used in my own work or research

40. Semi-Supervised Models:
   - Huh?!
   - Used them in class
   - Used in my own work or research

41. Graphical Models:
   - Huh?!
   - Used them in class
   - Used in my own work or research
42. Modeling/Machine-Learning Experience (summarise in at most 300 words)
Social Science

43. Causal Inference:
   - Huh?!
   - Used them in a class
   - Used in my own work or research

44. Matching (e.g. Propensity Score Matching):
   - Huh?!
   - Used them in a class
   - Used in my own work or research

45. Instrumental Variables:
   - Huh?!
   - Used them in a class
   - Used in my own work or research

46. Regression Discontinuity:
   - Huh?!
   - Used them in a class
   - Used in my own work or research
47. Natural Experiments:

- Huh?!
- Used them in a class
- Used in my own work or research

48. Social Science Experience (summarise in at most 300 words)
Data Experience

49. Data in Text Files:
   - [ ] No experience
   - [ ] Used in a class
   - [ ] Used in my own work or research

50. Data in Relational Databases:
   - [ ] No experience
   - [ ] Used in a class
   - [ ] Used in my own work or research

51. Text Data (NLP):
   - [ ] No experience
   - [ ] Used in a class
   - [ ] Used in my own work or research

52. Network/Graph Data:
   - [ ] No experience
   - [ ] Used in a class
   - [ ] Used in my own work or research
53. Multimedia data (video or Audio):
   - No experience
   - Used in a class
   - Used in my own work or research

54. Data from Sensors:
   - No experience
   - Used in a class
   - Used in my own work or research

55. Data > 1TB:
   - No experience
   - Used in a class
   - Used in my own work or research

56. Geospatial:
   - No experience
   - Used in a class
   - Used in my own work or research

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57. Data Experience (summarise in at most 300 words):
Data Project Experience

58. Data Projects: (Free text 300 words)

59. Github/Code Sample: Please supply link
Application Areas

60. Experienced in working on problems related to: (Please click all that apply)

☐ Education
☐ Health
☐ Energy
☐ Environment
☐ Transportation
☐ Poverty
☐ Housing/Land Use
☐ Public Safety
☐ International Development

61. Experienced in working on problems related to: Other
62. Interested in working on problems related to: (Please click all that apply)

☐ Education
☐ Health
☐ Energy
☐ Environment
☐ Transportation
☐ Poverty
☐ Housing/Land Use
☐ Public Safety
☐ International Development

63. Interested in working on problems related to: Other
Motivation, Teamwork and Future Plans

64. Motivation/Public Sector Experience: Please describe your motivation to participate in DSSGx (free text 300 words)

65. Teamwork Experience (free text 300 words)

66. Future Plans (free text 300 words)
Almost There...

67. How did you hear about this program?

68. Have you applied to DSSG in the past?
   - Yes
   - No

69. Additional Information (Free text 200 words)

70. Resume/CV: Please provide a link for us to download your Resume/CV (e.g., google docs, github etc.) *

71. Please let us know which location you would like to apply for *
   - I would like to be considered for both locations, Warwick and Kaiserslautern
   - I would like to be considered only for DSSGx UK (Warwick)
   - I would like to be considered only for DSSGx Germany (Kaiserslautern)
72. Please click all to confirm that you agree: *

☐ The data provided will only be used for the purpose of DSSGx Fellow recruitment. I agree it is shared with the DSSGx Recruitment Team for this purpose. I also agree to receive emails with news and information related to DSSGx. It is possible to unsubscribe from the mailing list at any time.

☐ I am aware that DSSGx UK and DSSGx Germany is a full time commitment from 6 June 2022 to 26 August 2022.

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