**Day 8**[Help](https://class.coursera.org/bigdataschool-001/help/pages?url=https%3A%2F%2Fclass.coursera.org%2Fbigdataschool-001%2Fwiki%2FDay_8)

**Decision Trees and Random Forests** (T. Fuchs)

* [Decision Trees](https://class.coursera.org/bigdataschool-001/lecture/111)   [12:13]  [Slides](https://d396qusza40orc.cloudfront.net/bigdataschool/lecture_slides/Fuchs_lecture_1.pdf)  (pdf)
* [Random Forests](https://class.coursera.org/bigdataschool-001/lecture/113)   [17:49]  [Slides](https://d396qusza40orc.cloudfront.net/bigdataschool/lecture_slides/Fuchs_lecture_2.pdf)  (pdf)
* [Properties of Random Forests](https://class.coursera.org/bigdataschool-001/lecture/119)   [17:13]  [Slides](https://d396qusza40orc.cloudfront.net/bigdataschool/lecture_slides/Fuchs_lecture_3.pdf)  (pdf)
* [Random Forests in Space Exploration](https://class.coursera.org/bigdataschool-001/lecture/115) [16:44]  [Slides](https://d396qusza40orc.cloudfront.net/bigdataschool/lecture_slides/Fuchs_lecture_5.pdf)  (pdf)
* [Random Forests in Cancer Research](https://class.coursera.org/bigdataschool-001/lecture/117)   [15:21]  [Slides](https://d396qusza40orc.cloudfront.net/bigdataschool/lecture_slides/Fuchs_lecture_4.pdf)  (pdf)

**Exercises**

* [Exercise 1 (doc)](https://docs.google.com/document/d/1Qftpbq9rQv7Z16jq0oAR2mV6oRdRa2-0kwvAXgQ2XtA/edit?usp=sharing)and [pdf](https://drive.google.com/file/d/0B_MCaoqnuTd5WjlqS0dHRHA4SDA/edit?usp=sharing)
* [Exercise 2 (doc)](https://docs.google.com/document/d/1ZS50yLp27JzmRPaXp7qMGGeYlChJqeLvuZnsOgU9ZoQ/edit?usp=sharing) and [pdf](https://drive.google.com/file/d/0B_MCaoqnuTd5c1hYS2I4Z0puQU0/edit?usp=sharing)  
  [Data for 2nd exercise](http://bit.ly/1ACSlHu)