Introduction to Data Science Course introduction (Spring 2021)

Dongchul Park
dpark@sookmyung.ac.kr

Instructor and TAs

Instructor

- Dongchul Park
- Office: Saehim 408
- Email: <u>dpark@sookmyung.ac.kr</u>
- Homepage: http://cs.sookmyung.ac.kr/~dpark
- Office hours: feel free to contact me first!
- TAS ZZY
 - Hyunju Oh (001): rophy1310@sookmyung.ac.kr
 - Jiho Lee (002): jiho960214@sookmyung.ac.kr
- Special thanks to Prof. Ki Young Lee for sharing his slides for this course.

Short Bio

Short Bios



- Ph.D. in CS at University of Minnesota Twin Cities, MN, USA
- CRIS (Center for Research on Intelligent Storage) Lab.



- Sr. Engineer at Samsung Semiconductor Inc., CA, USA
- MSL (Memory Solutions Lab)



- Sr. Staff Engineer at Intel, OR, USA
 - STG (Storage Technology Group)



- Assistant Prof. at Hankuk University of Foreign Studies, Korea
 - Computer Science & Engineering
- Research areas

UPAULM 191821

Big data, storage systems, SSD (NVM), key-value store, data center SW

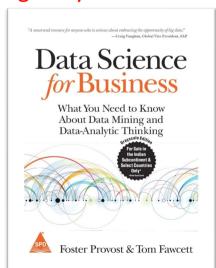
Course Logistics

Lecture time (class room)

- Section 001: Tu, Th 13:30 14:45 (Online)
- Section 002: Tu, Th 15:00 16:15 (Online)

Course website: SnowBoard

- Lecture slides, extra materials, notices, etc.
- Please make sure you check this SnowBoard regularly.
- Materials (not limited to)
 - Book: Data Science for Business
 - Foster Provost & Tom Fawcett, O'Reilly, 2013.
 - All slides will be posted on our website



Work and evaluation

Midterm: 40%

Final: 40%

Homework: 10%

Late submission: <u>NOT</u> accepted.

Stor Tailin

This is subject to change

- Attendance: 10%
 - Absence (1/4 or more): Fail with NO excuse!
 - Perfect attendance will get 10%
 - Decreases in proportion to the number of your absence
 - Elec. attendance system (+ roll call)

Contents covered

Main topics

- Data-analytic thinking 더에서 操作 Business problems and data science solutions
- Predictive modeling 一部外如如果
- Fitting a model to data
- 3771 data 71 4972 200 12X
- Similarity, neighbors, and clustering ১৯০০ (ব্যাহ্রা বিশ্বরাধি) Harkar k-means
- > Model evaluation
 - Visualizing model performance graphet
 - Evidence and probabilities
 - Mining text ex) TF-10F
- (1722 data 4 917; age (648) -22 (640 06).
- Note: Contents are subject to change based on schedules.

통제+73중 duta mining. (원강) (데에대, 어신거성)

4 gregority data = Lata science

Questions

