# RESOURCES

# COMPLETE MACHINE LEARNING RESOURCES

# CORE CONCEPTS

- Elements of AI
- Google's machine learning crash course
- Google's AI education page
- Facebook's field guide to machine learning
- Made with ML topics
- Test your skills
  - kaggle competitions
  - wokera.ai

⊳⊳⊳

# PYTHON

- Complete python (freecodecamp)
- Python Like You Mean It
- Kaggle learning centre
- Datacamp
- Dataquest
- Automate the boring stuff with python
- Python for data analysis by Wes McKinney
- Data science handbook by Jake
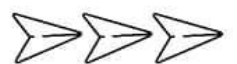
# MATH

- Linear algebra (Rachel thomas)
- Linear algebra (3blue1brown)
- Calculus and Multi-variable calculus
- Matrix manipulations @learn.machinelearning
- Neural networks
- Probability and statistics
- Probability and statistics(seeing theory)
- Math for machine learning book by Marc peter
- The matrix calculus by Terrence Parr

⊳⊳⊳

# MACHINE LEARNING

- Andrew Ng ML course
- Deeplearning.ai Andrew Ng
- fast.ai part 1 (DL for coders)
- fast.ai part 2 (Dl for the foundations)
- fast.ai Introduction to ML for Coders
- CS50's introduction to AI
- Full-stack Deep learning

▷▷▷

# MACHINE LEARNING

- Books
- Hands-on ML with scikit, tensorflow and keras by Geron
- Deep learning for coders by Jeremy
- Neural networks and deep learning by Michael Nielsen
- Introduction to machine learning with python by Muller
- Mechanics of ML by Terrence Parr
- Building ML pipelines by Hannes
- Interpretable ML by Christoph

▷▷▷
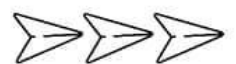
# CLOUD SERVICES

- Cloud guru
- Google cloud training resources
- AWS training resources
- Microsoft training resources
- other
  - Docker
  - Missing parts of CS degree
  - teachyourselfcs

@learn.machinelearning

$\triangleright\triangleright\triangleright$
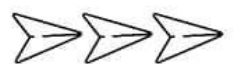
# DATASETS

- Google dataset search
- Kaggle datasets
- Curated list of free datasets by dataquest
- Open images
- Awesome data labelling
- The big dad NLP datasets
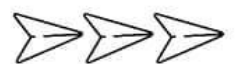
# MISCELLANEOUS

- Latest research papers
- Project ideas, code etc...
- Papers with code
- State of the art benchmark tracking
- Machine learning 101 rules

▷▷▷