

Swetha Srikari Maganti

M.Sc Machine Learning
from Mila, University of Montreal

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Links

Bio:// [Swetha Srikari](#)
LinkedIn:// [Swetha Srikari](#)
GitHub:// [Swetha Srikari](#)
Tableau:// [Swetha Srikari](#)

Programming

LANGUAGES

Python, Matlab, R, LaTeX, HTML

LIBRARIES

Pandas, Numpy, NLTK, Spacy,
Scikit-learn, Tensorflow, Pytorch,
Scikit-survival, Matplotlib, Plotly,
Seaborn, Shap

DATABASE

SQL (MySQL, SQLite)

OTHER

Tableau, Git, Shell, JupyterNotebook

Coursework

Machine Learning
Deep Learning
Data Science
Introduction to Machine learning
Representation learning
Advanced projects in deep learning
Natural Language Processing
Computer Vision
Tableau
SQL for Data Science
Regression models

Other activities

2015 - 2019
ANNA UNIVERSITY
Volunteered at Computer
Society of Madras Institute of
Technology

2015-2019
ANNA UNIVERSITY
National Service Scheme (NSS)
Volunteer

Experience

2021	Machine learning Intern	Perceiv AI
	Worked on predicting Secondary Cardiac event	

Education

2019-2021	Professional M.Sc	Machine Learning
	From Mila, Université de Montreal	
		CGPA - 3.45/4.0
2015-2019	B.E	Electronics and Instrumentation
	From Madras Institute of Technology Campus, Anna University	
		CGPA - 8.95/10.0

Projects

2021	Prediction of Secondary Cardiac event	Perceiv AI
	Predicting a secondary cardiac event using clinical data extracted from ICD-9 and ICD-10 codes. Using ensemble methods and resampling techniques to tackle high class imbalance.	
	<i>Python, Numpy, Scikit-learn, Pandas, Docker, Scikit-survival</i>	
2020	Low resource Machine translation	Mila
	To overcome the lack of large aligned dataset, source-side monolingual data was exploited using self-learning technique, which strengthens the encoder and boosts the performance of the transformer by generating synthetic data.	
	<i>Python, Tensorflow, Numpy, Pandas, Scikit-learn, Git</i>	
2020	Solar Irradiance Prediction	Mila
	Implemented a 3D-ConvNet to nowcast solar irradiance from satellite imagery	
	<i>Python, Tensorflow, Numpy, Pandas, Scikit-learn, Git</i>	
2019	User Profiling in Social Media	Mila
	Trained a model to construct a user profile (i.e., infer age, demographics, personality) leveraging textual, visual, and relational cues from social media	
	<i>Python, Pandas, Numpy, Scikit-learn</i>	
2020	Multi-class text classification	Mila
	Performed a comparative analysis of various language models, hyperparameter configs, and training regimes	
	<i>Python, Pandas, Numpy, NLTK, Spacy, Scikit-learn</i>	

Certificates

2022	Tableau 2022 A-Z: Hands-On Tableau Training for Data Science	
2022	SQL for Data Science	2022 R Programming
2022	Regression models (in progress)	