AMAN VARYANI

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Data Science enthusiast with a passion for delivering valuable data through analytical functions and data retrieval methods. Committed to helping companies advance by helping them to develop strategic plans based on predictive modeling and findings.

Portfolio:

https://amanv1906.github.io/

EDUCATION

Bachelor Of Technology ▸ PARUL UNIVERSITY | 8.31 Jun 2016 - May 2020

SSC ▸ Vedant International School | 9.4 May 2013 - May 2014

HSC ▸ Vedant International School | 75% May 2014 - May 2016

CERTIFICATE

Certifications	Guarat Hackathon
	Code Vita
	Applied AI

TRAINING

Student ▸ Applied AI Apr 2019 - Apr 2020

Worked on real world datasets and how to approach the real world problem from preprocessing to gain insight of the data and how to deploy it on cloud to make it end to end model.

PROJECTS

COVID-19 INTERACTIVE DASHBOARD Jul 2020 - Aug 2020

https://github.com/amanv1906/COVIDDASHBOARD

Objective : To make a dynamic web app for analyzing and visualizing corona cases around the world.

Result : Performed data analysis on the JHU CSSE COVID-19 Data and created an Interactive dashboard by univariate and bivariate analysis on different attributes

Web APP : https://aman-covid-dashboard.herokuapp.com/

SIMILAR IMAGE RETRIVAL May 2020 - Jun 2020

https://github.com/amanv1906/SimilarImageRetrival

Objective : To create a model which takes image as a query and search for the same images in dataset.

Model Built : Converted images into numpy array , normalized it trained an autoencoder on that array , got the feature vector from the encoder part of autoencoder. After getting feature vector trained KNN model on them .

Result : got 90% accuraccy on the model and showed similar image by comparing the neighbours.

SMART PREDICTOR Jan 2020 - Mar 2020

https://github.com/amanv1906/SMART-COMPOSER-WITH-ATTENTION-MECHANISM

Objective : To predict the next word by keeping context of the previous sentence written.

Analysis : Performed Univariate, Bivariate and Multivariate analysis on the different attributes of the dataset.

Model Built : Build LSTM with attention model to predict the next word.

Result : got accuracy of 90% on test data and bleu score of 1 for most of the test result.

SKILLS

Programming Languages - Python, C++ | Framework - Keras, Tensorflow , Pytorch | Others - SQL , Power BI |

Cloud Platform - Google GCP, AWS