<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<meta http-equiv="X-UA-Compatible" content="ie=edge">

<title>Gabriel Dias de Abreu</title>

<link rel="stylesheet" type="text/css" href="index.css">

<!-- <script src="https://code.jquery.com/jquery-1.10.2.js"></script> -->

</head>

<body>

<nav class="nav">

<div class="bio">

<a class="name">Gabriel Dias de Abreu</a>

<div class="">

<a class="info">Student at Universidade Federal de Juiz de Fora - UFJF</a>

</div>

<div class="linhaBio">

<a class="info">gabriel199716@gmail.com</a>

<a class="info">+55 32 98898-4975</a>

<div class="info">

Juiz de Fora, MG

</div>

<div class="info">

<a href="https://github.com/gabrieldiasdeabreu"><img class='icon' src="img/github-alt-brands.svg"

alt="Kiwi standing on oval"></a>

<a href="mailto:gabriel199716@gmail.com?Subject=I%20saw%20your%20webpage"><img class='icon'

src="img/envelope-solid.svg" alt="Kiwi standing on oval"></a>

<a href="https://www.youtube.com/channel/UC9wlBC667aSgqcMBgtNSCWg/videos"><img class='icon'

src="img/youtube-brands.svg" alt="Kiwi standing on oval"></a>

</div>

</div>

</div>

<img class="MyPhoto" src="img/mainPhoto.jpg">

</nav>

<div class="divider">

Projects

</div>

<div class="portfolioGrid">

<!-- onde coloco cada projeto -->

<div class="project"

onclick="window.location='https://www.coursera.org/account/accomplishments/specialization/Z7N76DS2JPMJ';">

<div class="titleProject">

DeepLearning.ai Deep Learning Certificate

</div>

<img class="fotoProjeto" src="img/certificatoCoursera.png" alt="">

<div class="descriptionProject">

At this course, I learned the foundations of neural networks and deep learning,

how to lead an artificial intelligence project and, more specifically, I learned Convolutional networks,

RNNs, LSTM,

Adam, Dropout, BatchNorm, Xavier/He initialization. I did case studies projects with

healthcare, autonomous driving, face recognition, voice recognition, style transfer (pictures), video

object recognition, sign

language reading, music

generation, and natural language

processing in Python, Keras and TensorFlow.

</div>

<div class="skills">

Skills:

Python, Tensorflow, numpy, keras.

</div>

<a href=https://github.com/gabrieldiasdeabreu/DeepLearningSpecializationTasksAndCertificates> <img

class='icon' src="img/github-alt-brands.svg" alt="Kiwi standing on oval"></a>

</div>

<div class="project" onclick="window.location='EDAAplicativos.slides.html';">

<div class="titleProject">

EDA of the two Largest mobile app store datasets

</div>

<img class="fotoProjeto" src="img/edaApps.png" alt="">

<div class="descriptionProject">

This Exploratory Data Analysis aims to answer first questions about dataset such as How size affects the rate? how monetize the application in each mobile app store? and which is the best app store to

beginners?

</div>

<div class="skills">

Skills:

Python, Pandas, Matplotlib, seaborn, scikit-learn, k-means, numpy.

</div>

<a href=https://github.com/gabrieldiasdeabreu/EDA-Apple-and-Play-Store> <img class='icon'

src="img/github-alt-brands.svg" alt="Kiwi standing on oval"></a>

</div>

<div class="project" onclick="window.location='https://datastudio.google.com/s/o41SZS80WUY';">

<div class="titleProject">

Dashboard for visualization of the two Largest mobile app store statistics

</div>

<img class="fotoProjeto" src="img/dashboardApps.png" alt="">

<div class="descriptionProject">

What-if Business intelligence Dashboard of Google Play Store and Apple Store, it offers visualization of size, the number of apps compared to the price, age-range and rate.

</div>

<div class="skills">

Skills:

Google Data Studio.

</div>

</div>

<div class="project" onclick="window.location='PreProcessaBaseParaibaDoSul.html';">

<div class="titleProject">

Paraíba do Sul river's basin analisys

</div>

<img class="fotoProjeto" src="img/paraibaDoSulEDA.png" alt="">

<div class="descriptionProject">

Analisys of Paraíba do Sul's basin stream flow measurement stations.

</div>

<div class="skills">

Skills:

Python, Matplotlib, seaborn, Keras, pandas, numpy.

</div>

<a href=https://github.com/gabrieldiasdeabreu/ParaibaDoSulRiverDataAnalisys> <img class='icon'

src="img/github-alt-brands.svg" alt="Kiwi standing on oval"></a>

</div>

<div class="project" onclick="window.location='sentimentoDoProjetoAoLongoDoTempo.html';">

<div class="titleProject">

Sentiment vs produtivity in a GitHub Project

</div>

<img class="fotoProjeto" src="img/sentimentxProd.png" alt="">

<div class="descriptionProject">

Tensorflow's GitHub repository graph of productivity (lines of code committed) and sentiment in the

commit message, the sentiment was classified by the sentiStrength-se project.

</div>

<div class="skills">

Skills:

Python, Rest API, regex, plotly.

</div>

<a href=https://github.com/gabrieldiasdeabreu/SentimentXColaboracaoNLP> <img class='icon'

src="img/github-alt-brands.svg" alt="Kiwi standing on oval"></a>

</div>

<div class="project" onclick="window.location='https://github.com/gabrieldiasdeabreu/slopeSlipPrediction';">

<div class="titleProject">

LandSlide prediction

</div>

<img class="fotoProjeto" src="img/matrizConfRegLog.png" alt="">

<div class="descriptionProject">

This project applies linear regression, NaiveBayes, SVM, Logistic Regression, MultiLayer Perceptron to

classify if a landslide are going to happen or not in Juiz de Fora - MG.

</div>

<div class="skills">

Skills:

Python, Pandas, Matplotlib, seaborn, scikit-learn, numpy, keras.

</div>

<a href=https://github.com/gabrieldiasdeabreu/slopeSlipPrediction> <img class='icon'

src="img/github-alt-brands.svg" alt="Kiwi standing on oval"></a>

</div>

<div class="project" onclick="window.location='https://github.com/gabrieldiasdeabreu/EnaSudPredictor';">

<div class="titleProject">

Brasilian's ENA-Sud time series forecaster

</div>

<img class="fotoProjeto" src="img/PrevisaoCenarios.jpg" alt="">

<div class="descriptionProject">

Forecasting <a

href=http://www.ons.org.br/Paginas/resultados-da-operacao/historico-da-operacao/energia\_afluente\_subsistema.aspx>

ENA SUD</a>, a Brazilian's metric to hidric energy, with Time delayed neural networks and k-means to

group months. </div> <div class="skills">

Skills:

Python, Pandas, Matplotlib, seaborn, scikit-learn, numpy, keras.

</div>

<a href=https://github.com/gabrieldiasdeabreu/EnaSudPredictor> <img class='icon'

src="img/github-alt-brands.svg" alt="Kiwi standing on oval"></a>

</div>

<div class="project" onclick="window.location='CenariosEnaSud.html';">

<div class="titleProject">

Brasilian's ENA-Sud time series analisys

</div>

<img class="fotoProjeto" src="img/MapesTestePorMes.jpg" alt="">

<div class="descriptionProject">

analisys of <a

href=http://www.ons.org.br/Paginas/resultados-da-operacao/historico-da-operacao/energia\_afluente\_subsistema.aspx>

ENA SUD</a> with monte carlo scenary generation and prediction. </div> <div class="skills">

Skills:

Python, Pandas, Matplotlib, seaborn, scikit-learn, numpy, keras, scipy-stats.

</div>

<a href=https://github.com/gabrieldiasdeabreu/EnaSudAnalisysAndScenaryPrediction> <img class='icon'

src="img/github-alt-brands.svg" alt="Kiwi standing on oval"></a>

<!-- <div class="skills">

Skills:

Python, Pandas, Matplotlib, seaborn, scikit-learn, numpy, keras.

</div>

<a href=https://github.com/gabrieldiasdeabreu/EnaSudAnalisysAndScenaryPrediction> <img class='icon'

src="img/github-alt-brands.svg" alt="Kiwi standing on oval"></a> -->

</div>

<div class="project"

onclick="window.location='https://github.com/gabrieldiasdeabreu/ParaibaDoSulRiverFlowPredictionNeuralNetworks';">

<div class="titleProject">

Paraíba do Sul river's basin analisys and 7-days ahead streamflow forecaster

</div>

<img class="fotoProjeto" src="img/multitask.png" alt="">

<div class="descriptionProject">

long-term Forecaster of stream flow in Paraíba do Sul's Basin with LSTM.

</div>

<div class="skills">

Skills:

Python, Pandas, scikit-learn, numpy, keras.

</div>

<a href=https://github.com/gabrieldiasdeabreu/ParaibaDoSulRiverFlowPredictionNeuralNetworks> <img

class='icon' src="img/github-alt-brands.svg" alt="Kiwi standing on oval"></a>

</div>

<div class="project" onclick="window.location='https://github.com/gabrieldiasdeabreu/ScrapperUOL';">

<div class="titleProject">

UOL Main Page Scrapper

</div>

<img class="fotoProjeto" src="img/uolScrapper.png" alt="">

<div class="descriptionProject">

Uol is one of the most popular news website in Brazil, This is a scrapper of the principal webpage.

</div>

<div class="skills">

Skills:

Shell Script, wget.

</div>

<a href=https://github.com/gabrieldiasdeabreu/ScrapperUOL> <img class='icon' src="img/github-alt-brands.svg"

alt="Kiwi standing on oval"></a>

</div>

<div class="project" onclick="window.location='https://github.com/gabrieldiasdeabreu/ScrapperWSJ';">

<div class="titleProject">

The Wall Street Journal headlines Scrapper

</div>

<img class="fotoProjeto" src="img/TWSJScrapper.png" alt="">

<div class="descriptionProject">

Wall Street Journal is one of the world's most influente newspaper, This is as headline scrapper with

selenium and regex.

</div>

<div class="skills">

Skills:

Python, Selenium, regex.

</div>

<a href=https://github.com/gabrieldiasdeabreu/ScrapperWSJ> <img class='icon' src="img/github-alt-brands.svg"

alt="Kiwi standing on oval"></a>

</div>

<div class="project"

onclick="window.location='https://play.google.com/store/apps/details?id=jungle.bugionervoso.swot&hl=en\_US';">

<div class="titleProject">

Swot Analysis App

</div>

<img class="fotoProjeto" src="img/swotAnalysis.jpeg" alt="">

<div class="descriptionProject">

Simple App to apply Swot analysis in a mobile way.

</div>

<div class="skills">

Skills:

JAVA, Android, SQLite, MVVM, ROOM.

</div>

</div>

</div>

</body>

</html>