IRON
HACK

Data Analytics

DATA ANALYTICS BOOTCAMP | IRONHACK

Day Structure

- **5 min little refresh**
- **50 min class**
- **Break**
- **50 min class**
- **Break**
- **Time to work on lab**

Bootcamp Qualification

- **20% class assistance**
- **20% labs delivered**
- **60% Final Project**

Course Schedule

WEEK 1:

DAY 1 (10-11th October):

- Welcome
- Team Presentations
- Intro Data Analytics
    - Intro Excel
- Lab

DAY 2(17-13th October):

- Intro Python
    - Data Types
    - Data Structures
    - Control Structures
    - Loops

- Lab

Course Schedule

WEEK 2:

DAY 1(19-18th October):

- Python Functions
    - Build in Functions
    - Intro to Functional Programming
    - Lambda functions
- Lab

DAY 2(24-20th October):

- Intro to OOP
    - Classes
    - Inheritance and hierarchy
- Lab

Course Schedule

WEEK 3:

DAY 1(26-25th October):

- Intro Numpy
- Intro Pandas

- Lab

DAY 2(31-27th October):

- Data Cleaning
- Intro Data Visualization

- Lab

Course Schedule

WEEK 4:

DAY 1(2nd-3er November):

- Data Visualization
- EDA
    - CLV Example

- Lab

DAY 2(7-8th November):

- Statistics and normal Distribution
- Correlation

- Lab

Course Schedule

WEEK 5:

DAY 1(9-10th November):

- Intro to ML
- Supervised & Unsupervised Models
- How to prepare Data for train a model
    - Train test split
    - Normalization

- Lab

DAY 2(14-15th November):

- Regression Models
    - Linear Regression
    - Other Models

- Lab

Course Schedule

WEEK 6:

DAY 1(16-17th November):

- Classification Models
    - Logistic Regression
    - Other Models

DAY 2(21-22th November):

- Deploy Models
    - Git
    - Streamlit

- Final Project Explanation

Course Schedule

WEEK 7:

DAY 1(23-24th November):

- Final Project

DAY 2(28-29th November):

- Final Project

Course Schedule

WEEK 8:

DAY 1(30th November-1 December):

- Final Project

DAY 2(12-13th December):

- Final Project

Course Schedule

WEEK 9:

DAY 1(15-16th December):

- Final Project Presentations

DAY 2:

- Final Project Presentations

THANKS !