

# Print("Welcome! \n python for Engrs and Data analyst")

## Introduction

Dry Concept & Paradox

Dymystifying Data types and structures - Python

variables & Expressions

```
def objectives(students,*args,**kwargs):
```

```
    While student in Saidatech:
```

```
        if student not in better understanding of the language:
```

```
            break
```

```
        if student not in good understanding of data structures:
```

```
            break
```

```
        if student not in ability to mine and extract data:
```

```
            break
```

```
        if student not in understand optimisation of code:
```

```
            break
```

```
    return f" Congratulations! {student}"
```

## Basic Python

Operators & boolean Logic

More on data structures

Conditionals & Loops

## Intermediate python

Comprehensions

Functions vs Pure functions

Object Oriented programming

## Data wrangling

Pandas

Numpy

Matplotlib

## Practicals

APIs & Unit testing

collaborative programming

more tricks and concepts