

Task 1

How to make mobile app(android and ios) using python and Why use this?

First thing using to build mobile app which Framework will use

1- Kivy :-

- 1- It is open source framework and it is known as flexibility and is suitable**
- 2- It provides a natural user interface and it work in (macOS, Android, Linux, IOS, Windows)**
- 3- Kivy is a great choice for apps that require unique and customized user interfaces.**

2- PYQT4/5 :-

- 1- PyQt4/5 is one of the most popular Python bindings for the Qt cross-platform C++ framework**
- 2- PyQt4/5 can be used for both desktop and mobile app development.**

Compare between Kivy and pyQT4/5

PyQt is probably best there is when you have an application that has to use system services and hardware. Kivy is smaller and can be handy when you want to make something simpler and add some custom styles.

Why Using Python to build mobile app?

Because it is Cross Platform, Ease of Learning and Readability, Support for GUI Development and Open source

Task 2

How to Make Variable Constant in Python?

To make Variable Constant in Python The programmer depend on Make the Variable Name All word with Capital Letter and if it have two words Separate By UnderScores (_) This is the principle of programmers

Example (MY_CONSTANT = 3.14)

And Another Way it using a tuple that make the value const and if you want to change this value you found an error

Task 3

Which Company work with AI And what doing By AI in Egypt?

Company	Domain
3sixtydental	Computer Guided Surgery, Medical Imaging
ABM Egypt	NLP, Social Media analytics, Search Engine optimization
Adam.ai	NLP, machine learning, embedded systems
Advanced Intelligent Technologies	Machine Learning, Deep Learning
Advansy ESC	Embedded Software, Big data, IoT
Affectiva	Machine learning, Deep learning, Computer vision, Speech(new project(s))
Agolo	NLP, ML, DL
Aimtechnologies	Data Science, Machine Learning
Arqamfc	Analytics

Asas Alqarar	Machine Learning, Deep Learning
Atomica	Machine Learning, Computer Vision
Ave labs	Deep learning, Machine learning techniques, Computer vision, Image Processing and Signal Processing, Control theory & Artificial Intelligence
AvidBeam	Machine learning, OCR, Computer vision, DL
BBI-Consultancy	Data Science
Bee Smart Payment Solutions	ML, Big Data
blnk.ai	Machine Learning
Botitapp	Data Science, NLP
Bosta	Data Analytics, Data Science
Botme	Chatbots, NLP
Brightskies	Machine Learning, Autonomous Driving
Cammedar Health	Machine Learning
Cassbana	Machine Learning, Deep Learning
Cequens	Predictive models, Machine Learning, Chatbots
Cognitev	ML, DL, Recommendation systems, IR (Information Retrieval), NLP (Natural - Language Processing)
Comiot	IoT, Computer vision, ML
Converted.in	Machine Learning
Crowd Analyzer	Big data, Machine learning, Social Media Analysis, Arabic in Social Media Analytics
Cyshield	Data Science
Data Gear BI	Data Mining, Business Intelligence(BI)
Dataplusme	Data Analytics, Data Science, Big Data Analytics, Data visualization
Dell EMC	Machine Learning, Big Data
DevisionX	Deep Learning, Computer Vision
Digified	Machine Learning, Computer Vision
Digisay	Machine Learning, Deep Learning
DXWand	Machine Learning, text and speech analytics, NLP, analytics services
El menus	Recommendation systems, NLP
Elves	Chatbots
Ericsson	Artificial Intelligence, Cognitive Networks, Machine Learning, Data Science
Etisalat	Machine Learning, Data Science
Fixed Solutions	Data Science

Fruitful Solutions	Deep Learning, Computer Vision
Halan	Data Analysis, Business Intelligence, Data Science
Henkel	Data Science, Business Intelligence
Heuro Labs	Artificial Intelligence, Cognitive Computing, Machine Learning, Big Data, Data Fusion and Data Mining
IBM Egypt	NLP(Watson practice team), ML, DL
iHub	Machine Learning
Incorta	Data Analytics, Business Intelligence
Ingram Micro	Data Science, Business Intelligence
InnoVision Systems	Robotics, computer vision
Intouch	Machine Learning, Deep Learning
Itworx	Big Data
Intixel	Machine Learning, Image Analysis
Kazyon	Data Science, ETL, Machine Learning
Knowledge officer	information retrieval and text summarization for articles on the web. Based mainly for many NLP and recommendation systems
Koinz	Data Analysis
Lenme	Machine Learning
Lyra	Machine Learning
Mawdoo3	Data Science, NLP
Mendel.ai	Artificial Intelligence in Medicine, Machine learning, OCR, NLP
MerQ	Chatbots, NLP
Microsoft ATLC	ML, DL, NLP, OCR, Speech, Search engines(Bing team)
MobiDev	AI apps
Mwasalat Misr	Data Analysis, Business Intelligence, Data Science
Nawy	Data Science, Business Intelligence
Optomatica	Machine Learning, AI and Optimization solutions, Analytics
Oracle	Machine learning, Big data
Orange Digital Centers	ML, Data Science
Orange	ML, Big Data, Data Analytics
Path Solutions	Big Data
Pegasus	Data Analytics, BI
Pixellion	Image processing, Machine learning, Deep learning, Computer vision, image recognition in the retail industry
Pianat.ai	Finance, ML

Raisa Energy	ML, predictive modeling
RDI	Machine learning, Deep learning, Arabic/English OCR, Search engines, Information retrieval, Arabic/English NLP and Arabic/English speech recognition/identification
Rology	Computer Vision, Medical Image Processing, Machine Learning
Sadeem®	IoT & Business Analytics
Scopic	Big Data
Seeloz	Data analytics, ML
Smart Medical Services	Machine Learning
Soho Square Solutions	IR (Information Retrieval), ML, NLP (Natural - Language Processing)
Speakol	ML, DL, Big Data
Stratochem	Data analysis, Image processing, data mining
SURE International Technology	Machine Learning, AI
Swvl	Data Analysis, Business Intelligence, Data Science
Synapse Analytics	ML, Computer Vision
Sypron	Big Data, ML, DL, Computer vision, NLP, General AI apps
TA Telecom	Big Data
tachyhealth	Machine Learning
Tactful	Conversational Agents, NLU, DL, Information Retrieval
Tensorgraph	AI, Voice Recognition
Teradata	Big Data Analytics, machine learning and data mining
The D. GmbH	NLP, Chatbots, Computer Vision, Video Analysis
The Procter & Gamble	Data Science
TPay Mobile	Data Engineering, Data Analytics
Tpay	Machine learning
Usy tech	NLP
Valeo	ML, DL, reinforcement learning, Computer vision, Autonomous driving
valify	Machine Learning
Vodafone	Big data, ML
Wakeb Data	Business Intelligence, Data Analysis, Artificial Intelligence
Wego	Data analysis, Machine Learning, Recommendation Systems
WideBot	Chatbots, NLP

Wuzzuf	Machine learning, NLP(new project(s)), Search engines, Recommendation/Ranking systems and information retrieval
Xtrava	Machine learning, Deep learning, Signal processing
Yaoota!	Search engine, Big data, ML, NLP
Z2data	Data Analytics
ztechnium	Machine Learning, Recommendation Systems
smarteye.se	Machine Learning, Computer Vision
bydotpy	Machine Learning
Lumin	Machine Learning, Computer Vision