



1. How do you perform matrix multiplication on the numpy arrays A and B (1 Point)

`np.dot(A,B)`

2. What values does the variable out take if the following lines of code are run: (1 Point)

`array([1,2])`

```
1 X=np.array([[1,0,1],[2,2,2]])
2 out=X[0:2,2]
3 out
```

3. What is the value of Z after the following code is run: (1 Point)

`Array([[2,2],[2,2]])`

```
1 X=np.array([[1,0],[0,1]])
2 Y=np.array([[2,2],[2,2]])
3 Z=np.dot(X,Y)
```

Python for
Data Science and AI

Powered By

IBM Digital Credential