

2021

MySQL

ETL

MySQL

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MySQL

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4.

1 SQL

2 SQL

2

1 Numpy

2 Pandas

3 Pandas

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3

1 Matplotlib

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3 3D

4

5

2 Linux

3 Linux

4 Linux

5 JDK

3 Hadoop

2.

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(MySQL
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Hadoop

1.

100

100

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