Performance.csv

To Analysis the Data and Explore it.

Make Healthy Insights

By

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Further Details

ↄ First Download "performance.csv" and explore it.

ↄ P1: Trax pays daily payment, BlueX pays on weekly basis

ↄ P2: If customers denies, Trax can send the send shipment to another address without any extra charges, where blueX send it to origin and charges extra 30 Rs.

ↄ P3: It seems BlueX has more coverage of cities than Trax.

Tasks to be performed

ↄ Q1: Which Company is best in quick delivery?

ᘓQ2: Which Company is best in Main, Tehsil and Villages?

ᘓQ3: Which Company offers more Cities (Main, Tehsil, Villages)?

ᘓQ4: Which Company is more expensive?

ᘓQ5: In which scenario which company should be preferred?

ᘓQ6: Which company is good according to each province?

ᘓQ7: With your analysis of above questions and P1, P2, P3 what you suggest which one is better in terms of quick deliveries, main areas & site area coverages and little expensive? How company can improve itself?

Note

ᘓN1: Prove your answer with the help of charts

ᘓN2: Use percentage in analysis along with actual number

ᘓN3: You are free to have your Option. But prove it in the light of stats.

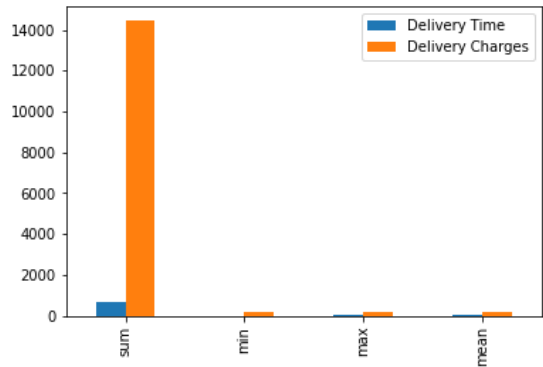Q1: Which Company is best in quick Delivery?

BLUEX Company

BLUEX Company:

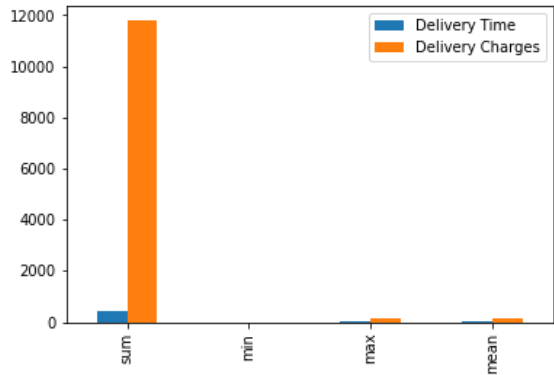|	Delivery Time	Delivery Charges
sum	680.000000	14430.000000
min	1.000000	150.000000
max	16.000000	180.000000
mean	7.472527	158.571429

<matplotlib.axes._subplots.AxesSubplot at 0x7f24739047f0>

Answer:
After Viewing this TRUEX is best in Quick Delivery

TRAX Company

	Delivery Time	Delivery Charges
sum	442.000000	11770.000000
min	1.000000	0.000000
max	14.000000	150.000000
mean	4.966292	132.247191

<matplotlib.axes._subplots.AxesSubplot at 0x7f247399fd30>

Q2: Which Company is best in Main, Tehsil, and Villages?

Company	Area	Delivery Time	Delivery Charges
BLUEX	Main	7.089744	157.692308
	Tehsil	9.666667	170.000000
	Village	9.857143	158.571429
TRAX	Main	4.939024	130.731707
	Tehsil	5.000000	150.000000
	Village	6.000000	150.000000

Answer:
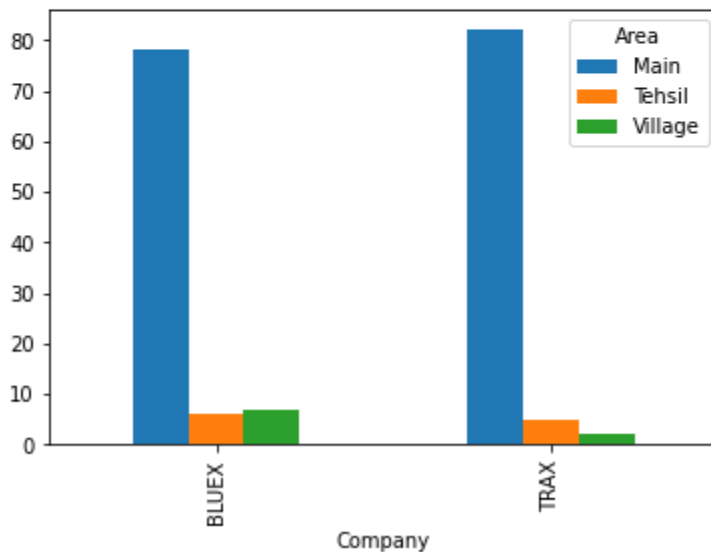**Trax has better performance and Less in delivery Charges than BlueX in all Main, Tehsil, Villages**

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<matplotlib.axes._subplots.AxesSubplot at 0x7f24744db160>
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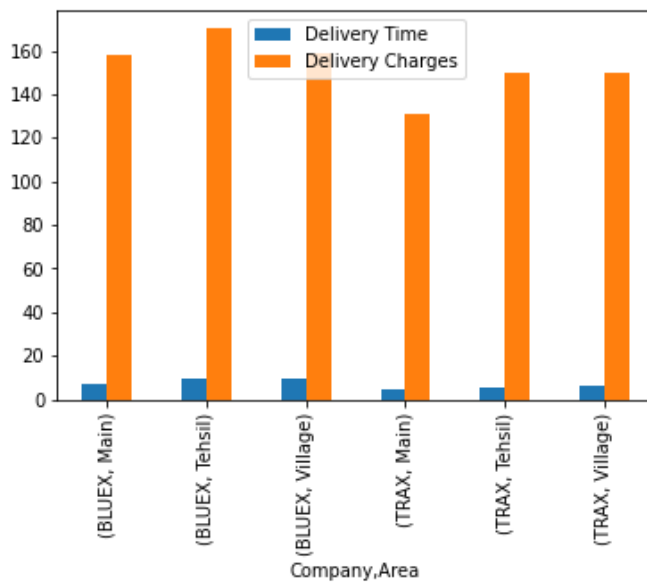
Q3: Which companies offers more cities (Main, Tehsil, Villages)?

Area Company	Main	Tehsil	Village
BLUEX	78	6	7
TRAX	82	5	2

<matplotlib.axes._subplots.AxesSubplot at 0x7f2473d7

Answer:
TRAX offer more cities in Main and BLUES offers more cities in Tehsil and Villages

Q4: Which Company is more expensive?
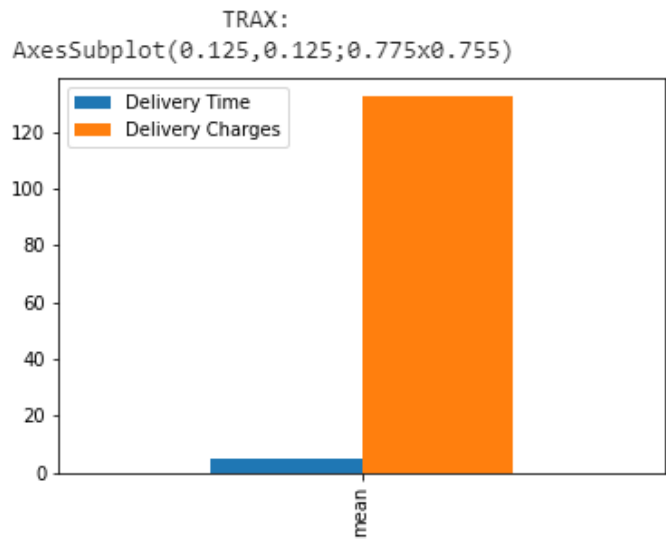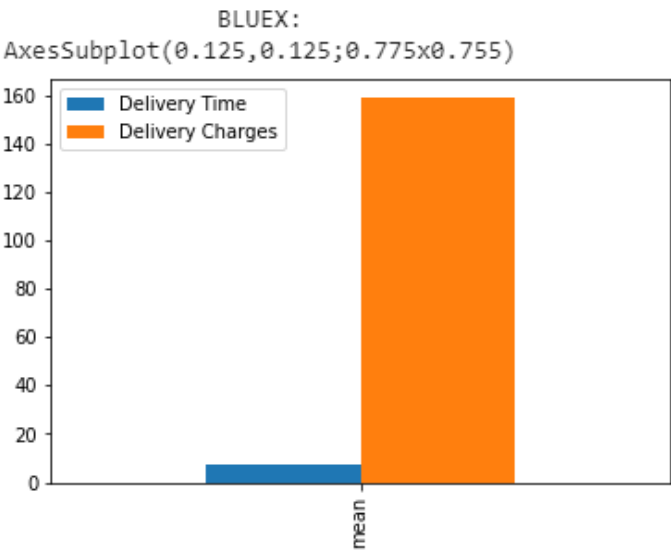
Answer:
BLUEX is more expensive than T RAX

Data Analysis   By: K.A.H

	Delivery Time	Delivery Charges
mean	7.472527	158.571429

	Delivery Time	Delivery Charges
mean	4.966292	132.247191

BLUEX:
AxesSubplot(0.125,0.125;0.775x0.755)

TRAX:
AxesSubplot(0.125,0.125;0.775x0.755)

Q5: In which Scenario which company should be preferred?

Status Company	Delivered	Returned	Recieved
BLUEX	65		26
TRAX	75		14

Answer:
In quick delivery and less expensive TRAX should be preferred

And According to BlueX has more co verage in Tehsil and Village.

So If someone belonging to tehsil an d village, BLUEX should be preferred

Status Company	Delivered	Returned	Recieved
BLUEX	65		26
TRAX	75		14

Q6: Which Company is good according to each province?

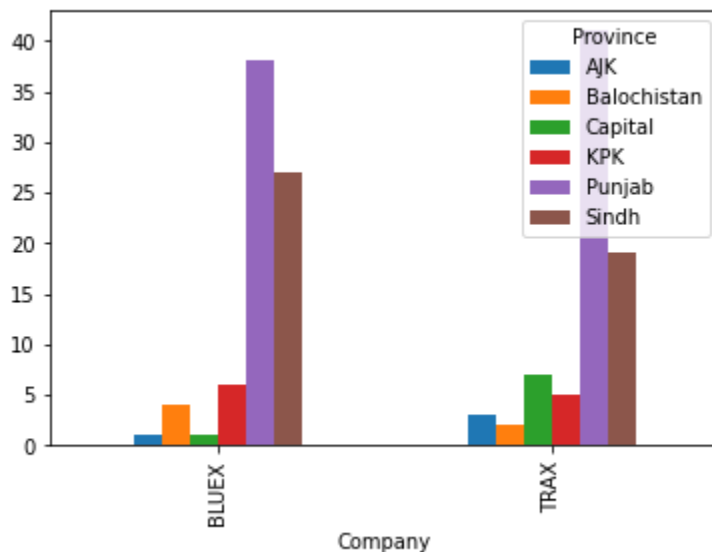**Answer:**
Trax offer more order in Punjab, AJ K, and Capital

BLUEX offers more in Sindh, KPK, and Baluchistan

Province	AJK	Balochistan	Capital	KPK	Punjab	Sindh
Company						
BLUEX	1	4	1	6	38	27
TRAX	3	2	7	5	41	19

`<matplotlib.axes._subplots.AxesSubplot at 0x7f247318fe10>`

Q7: With your analysis of above questions and P1, P2, P3 what you suggest which one is better in terms of quick deliveries, main areas & site area coverages and little expensive? How company can improve itself?

From all analysis made till now and points above we can say that TRAX is better than BLUEX in terms of quick deliveries, main areas coverages and little expensive.

Suggestions for BLUEX:

Although BLUEX has more site areas coverage but its charges are higher and delivery time is more in site areas as well, so BLUEX can improve itself by improving its services to deliver quickly and it should lower its expenses. As people prefer cheap and fast service. BLUEX should also make an improvement by improving its return policy as it is costly for user; on the other hand TRAX has better return policy.

Suggestions for TRAX:

TRAX can make an improvement by providing its services to more cities as from current data BLUEX has more coverage of cities than TRAX.

Q8: Which company is generating more revenue? Is it better in long run?

BLUEX is generating more, it can be seen that BLUEX has more delivery charges; moreover as BLUEX is covering more cities we can say that BLUEX is generating more revenue currently. Furthermore, due to return policy of BLUEX. It is generating more revenue than TRAX. However, it might not be better in long run as people prefer cheaper and faster delivery services hence people will ultimately shift to TRAX so it's better for BLUEX to improve if services.