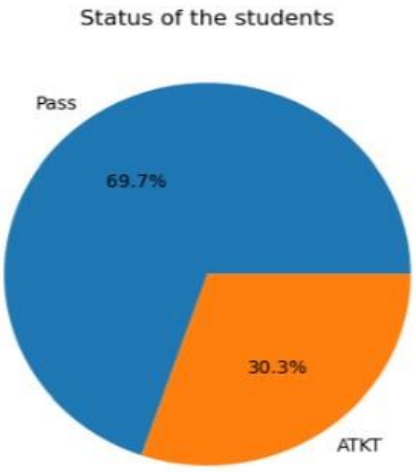
In [10]:
```
mylabels=["Pass", "ATKT"]
plt.pie(dataset['Status'].value_counts(),labels=mylabels,autopct='%1.1f%%')
plt.title("Status of the students")
plt.show()
```



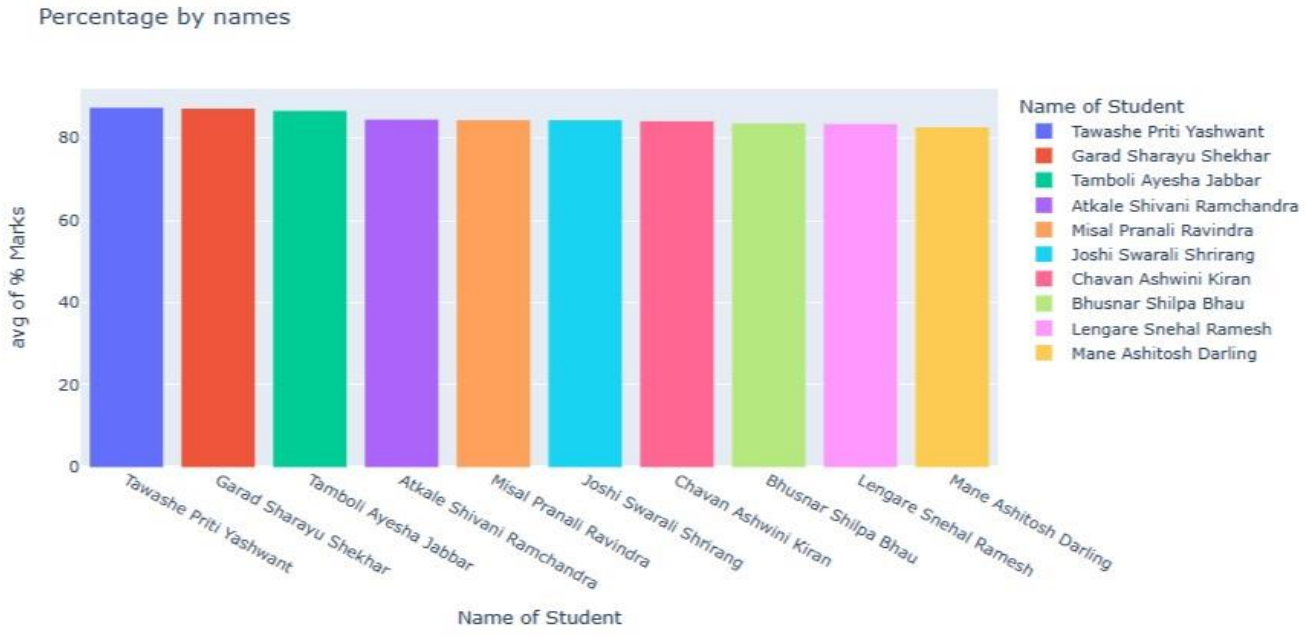
Finding the top 10 students by percentage

In [11]:
```
percentage=dataset[['Name of Student','% Marks']]       # top 10 students by percentage
percentage=percentage.sort_values(by=["% Marks"],ascending=False)
percentage.head(10)
```

Out[11]:

	Name of Student	% Marks
114	Tawashe Priti Yashwant	87.43
82	Garad Sharayu Shekhar	87.20
43	Tamboli Ayesha Jabbar	86.67
2	Atkale Shivani Ramchandra	84.53
30	Misal Pranali Ravindra	84.40
87	Joshi Swarali Shrirang	84.40
9	Chavan Ashwini Kiran	84.13
7	Bhusnar Shilpa Bhau	83.60
26	Lengare Snehal Ramesh	83.47
63	Mane Ashitosh Darling	82.67

In [12]:
```
fig=px.histogram(percentage[0:10],x='Name of Student',y='% Marks',histfunc='avg',color='Name of Student',title='Percentage b
fig.show()
```



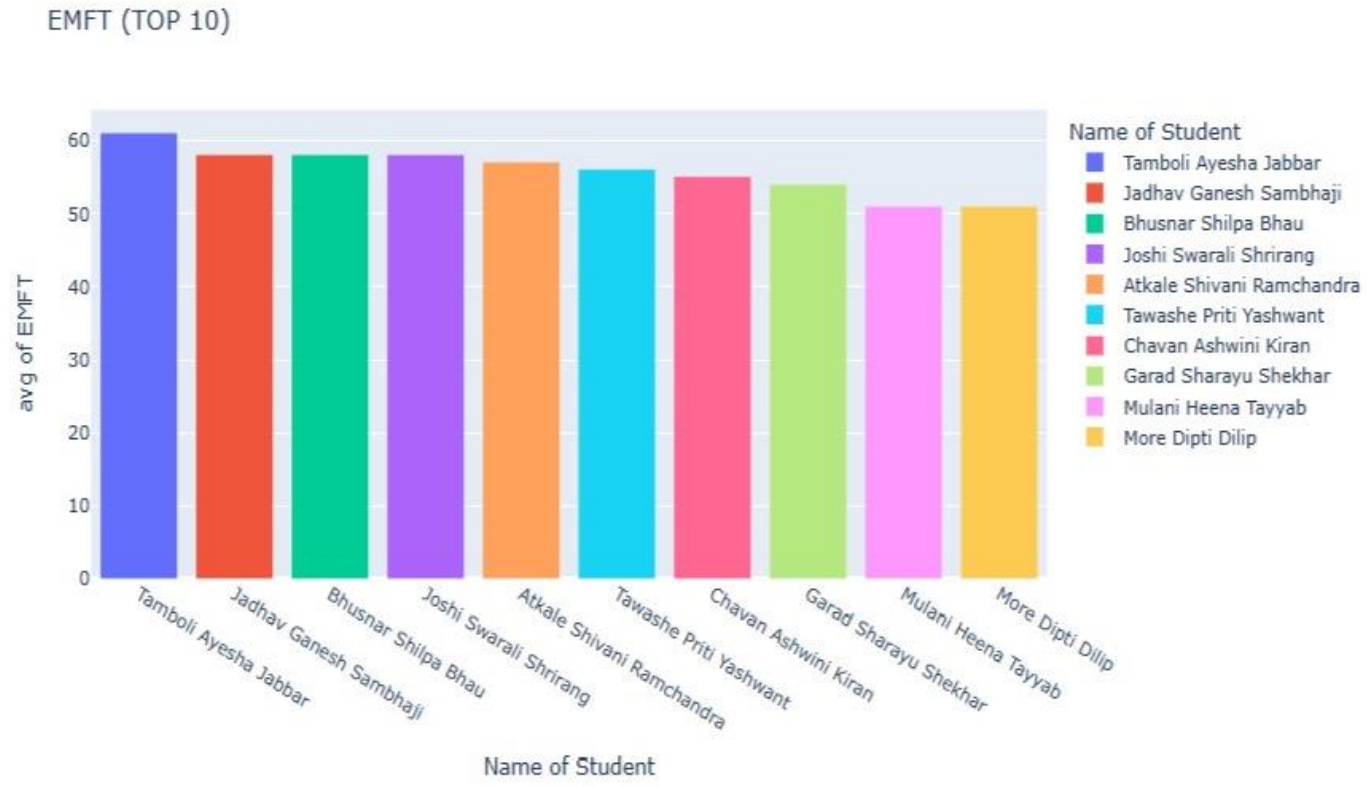
Finding the Top 10 Students subject wise

In [13]:
```
EMFT=dataset[['Name of Student','EMFT']]              # Top 10 students in EMFT
EMFT=EMFT.sort_values(by=["EMFT"],ascending=False)
EMFT.head(10)
```

Out[13]:

	Name of Student	EMFT
43	Tamboli Ayesha Jabbar	61
130	Jadhav Ganesh Sambhaji	58
7	Bhusnar Shilpa Bhau	58
87	Joshi Swarali Shrirang	58
2	Atkale Shivani Ramchandra	57
114	Tawashe Priti Yashwant	56
9	Chavan Ashwini Kiran	55
82	Garad Sharayu Shekhar	54
100	Mulani Heena Tayyab	51
98	More Dipti Dilip	51

In [14]:
```
fig=px.histogram(EMFT[0:10],x='Name of Student',y='EMFT',histfunc='avg',color='Name of Student',title='EMFT (TOP 10)')
fig.show()
```

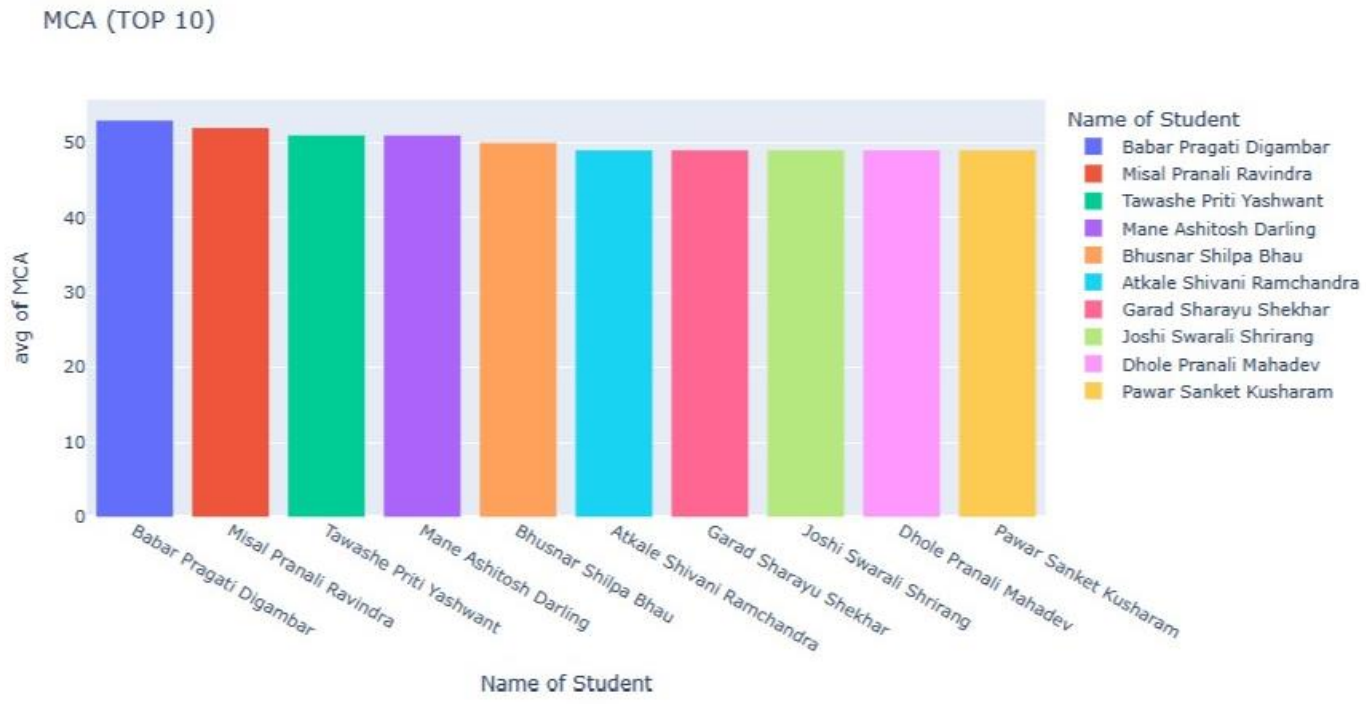


In [15]:
```
MCA=dataset[['Name of Student','MCA']]              # Top 10 Students in MCA
MCA=MCA.sort_values(by=['MCA'],ascending=False)
MCA.head(10)
```

Out[15]:

	Name of Student	MCA
77	Babar Pragati Digambar	53
30	Misal Pranali Ravindra	52
114	Tawashe Priti Yashwant	51
63	Mane Ashitosh Darling	51
7	Bhusnar Shilpa Bhau	50
2	Atkale Shivani Ramchandra	49
82	Garad Sharayu Shekhar	49
87	Joshi Swarali Shrirang	49
15	Dhole Pranali Mahadev	49
69	Pawar Sanket Kusharam	49

In [16]:
```
fig=px.histogram(MCA[0:10],x='Name of Student',y='MCA',histfunc='avg',color='Name of Student',title='MCA (TOP 10)')
fig.show()
```

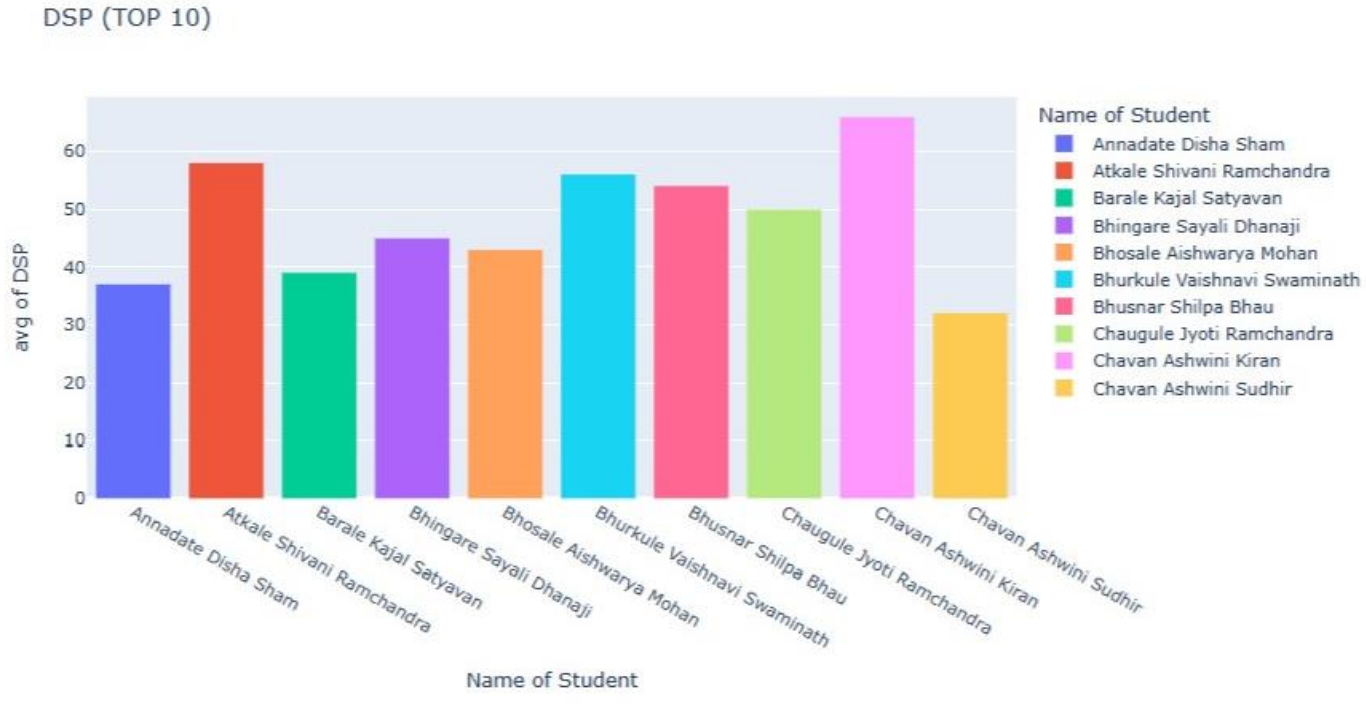


In [17]:
```
DSP=dataset[['Name of Student','DSP']]                    # Top 10 students in DSP
dsp=DSP.sort_values(by=['DSP'],ascending=False)
dsp.head(10)
```

Out[17]:

	Name of Student	DSP
9	Chavan Ashwini Kiran	66
21	Kangale Anuradha Ramdas	65
26	Lengare Snehal Ramesh	64
81	Deshmukh Shivbhakti Sunil	64
109	Shinde Anisha Anil	63
63	Mane Ashitosh Darling	62
82	Garad Sharayu Shekhar	62
31	Mohite Megha Maruti	61
33	Patil Bhagyashri Rhushikesh	61
130	Jadhav Ganesh Sambhaji	60

In [18]:
```
fig=px.histogram(DSP[0:10],x='Name of Student',y='DSP',histfunc='avg',color='Name of Student',title='DSP (TOP 10)')
fig.show()
```

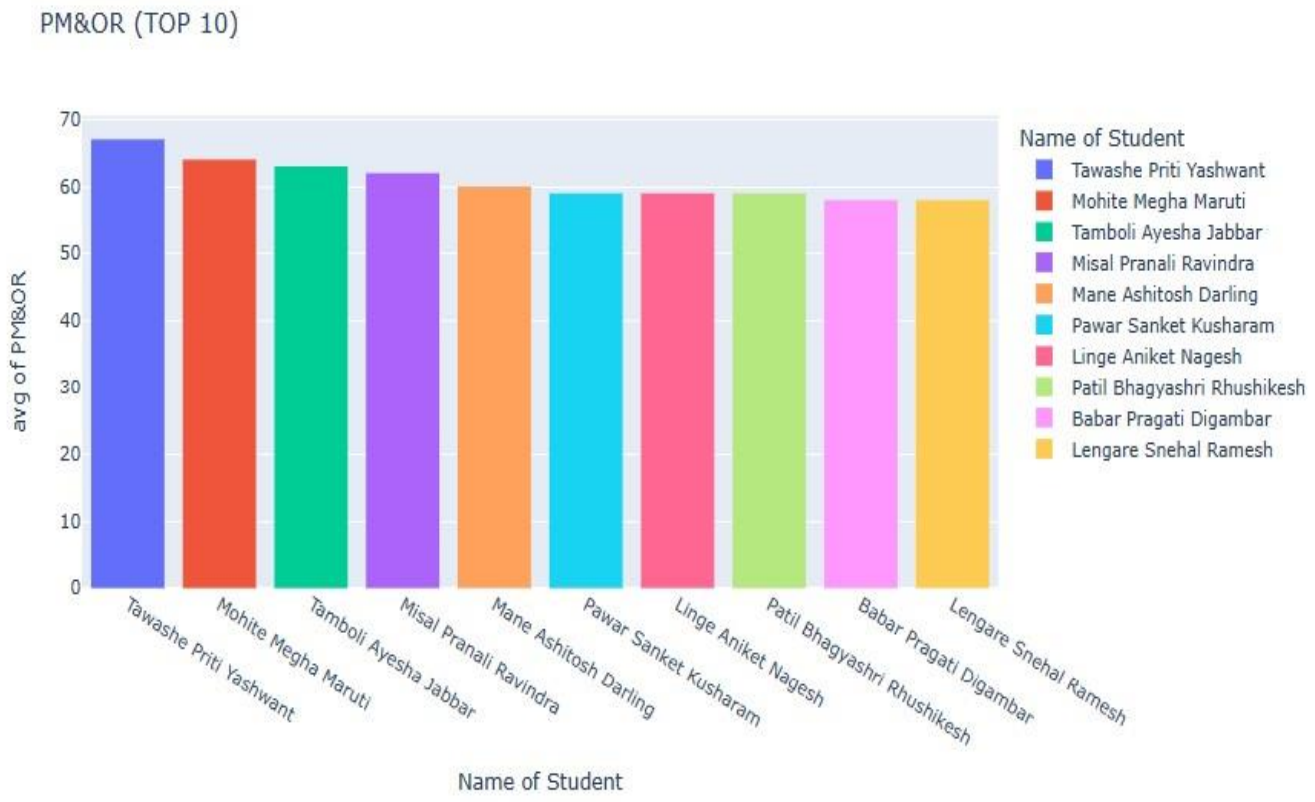


In [19]:
```
PMOR=dataset[['Name of Student','PM&OR']]              # Top 10 students in PM&OR
PMOR=PMOR.sort_values(by=['PM&OR'],ascending=False)
PMOR.head(10)
```

Out[19]:

	Name of Student	PM&OR
114	Tawashe Priti Yashwant	67
31	Mohite Megha Maruti	64
43	Tamboli Ayesha Jabbar	63
30	Misal Pranali Ravindra	62
63	Mane Ashitosh Darling	60
69	Pawar Sanket Kusharam	59
62	Linge Aniket Nagesh	59
33	Patil Bhagyashri Rhushikesh	59
77	Babar Pragati Digambar	58
26	Lengare Snehal Ramesh	58

In [20]:
```
fig=px.histogram(PMOR[0:10],x='Name of Student',y='PM&OR',histfunc='avg',color='Name of Student',title='PM&OR (TOP 10)')
fig.show()
```

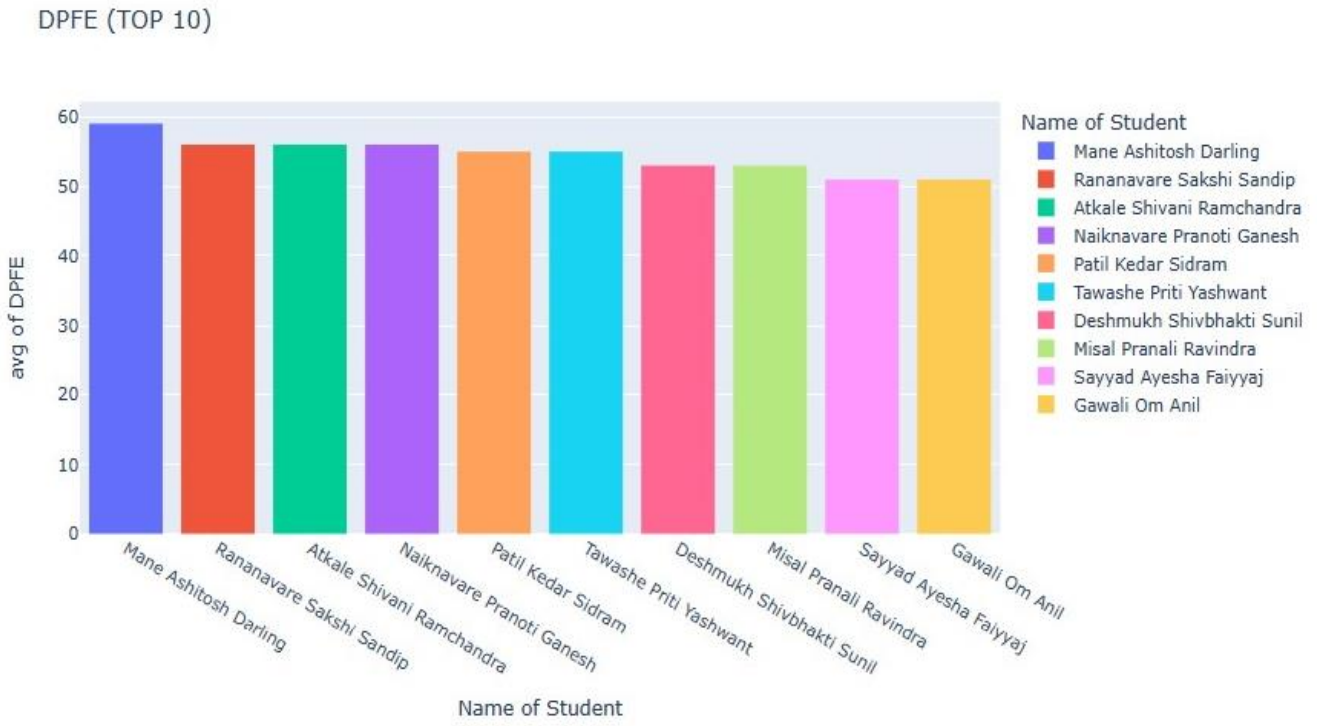


In [21]:
```
DPFE=dataset[['Name of Student','DPFE']]              # Top 10 students in DPFE
DPFE=DPFE.sort_values(by=['DPFE'],ascending=False)
DPFE.head(10)
```

Out[21]:

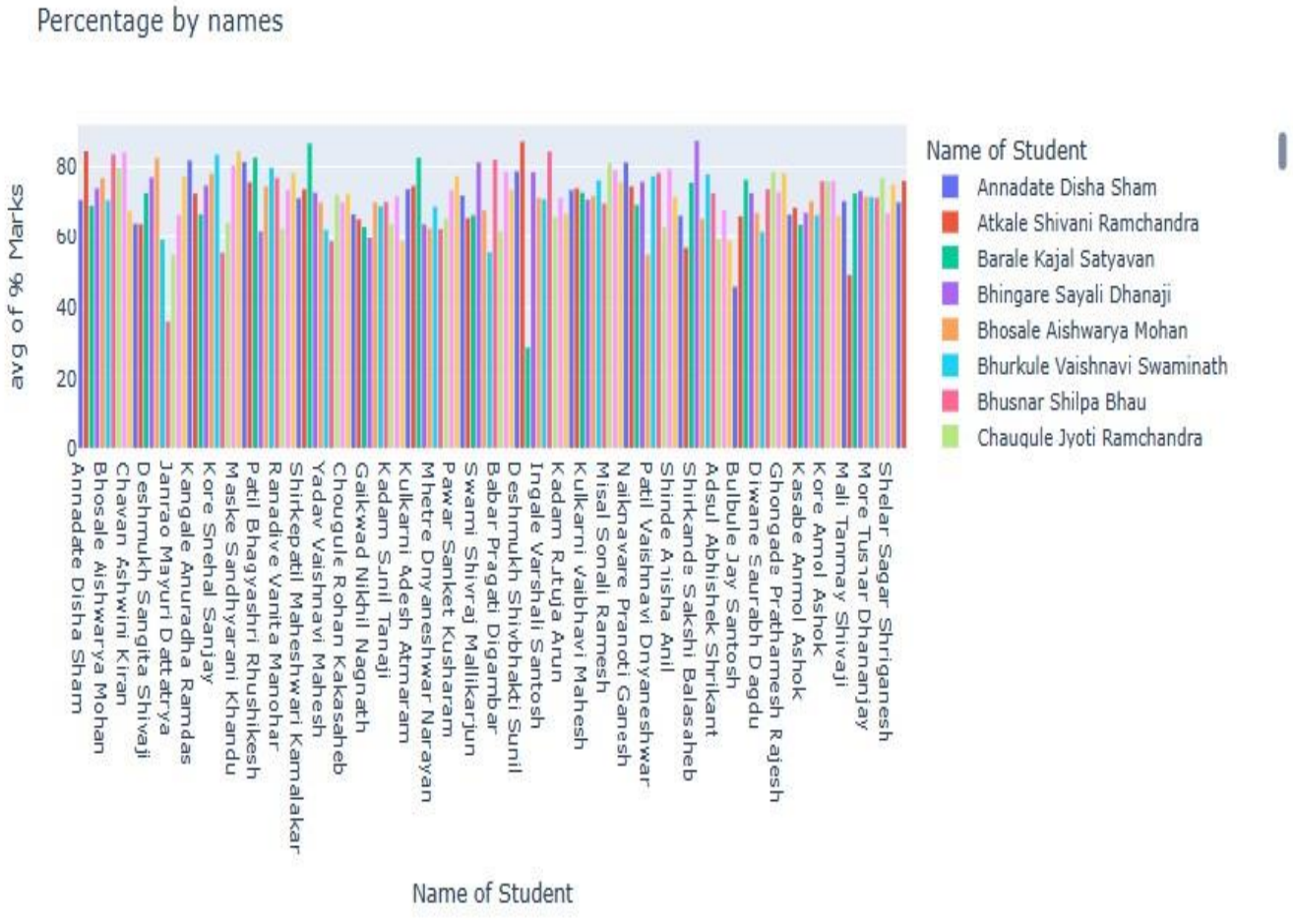
	Name of Student	DPFE
63	Mane Ashitosh Darling	59
107	Rananavare Sakshi Sandip	56
2	Atkale Shivani Ramchandra	56
101	Naiknavare Pranoti Ganesh	56
148	Patil Kedar Sidram	55
114	Tawashe Priti Yashwant	55
81	Deshmukh Shivbhakti Sunil	53
30	Misal Pranali Ravindra	53
40	Sayyad Ayesha Faiyyaj	51
127	Gawali Om Anil	51

In [22]:
```
fig=px.histogram(DPFE[0:10],x='Name of Student',y='DPFE',histfunc='avg',color='Name of Student',title='DPFE (TOP 10)')
fig.show()
```



Percentage by names with the help of histogram

In [23]:
```
fig=px.histogram(dataset,x='Name of Student',y='% Marks',histfunc='avg',color='Name of Student',title='Percentage by names')
fig.show()
```



Arranging the data in descending order using graph

In [24]:
```
fig.update_layout(xaxis={'categoryorder':'total descending'})
```