

GROUP 5

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Rising from the Ashes: The Inspiring Story of Caroline's Triumph Over Burned Code with Numpy





Introduction

Welcome to the inspiring story of Caroline's triumph over burned code with Numpay. Discover how she overcame the odds and rose from the ashes of her failed project. Join us on this creative journey towards success!

The Challenge

Caroline faced a daunting challenge when her code was burned in a freak accident. She thought it was the end of her project, but with the help of NumPy, she found a way to salvage her work and turn it into a success. Learn how she did it!



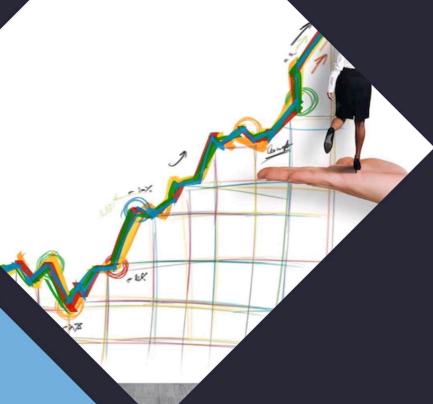


The Solution

Numpay provided Caroline with the tools and support she needed to rebuild her code from scratch. Through hard work and determination, she was able to create a better version of her original project. Discover the power of perseverance and innovation!

The Results

Caroline's new project was a huge success, thanks to the help of Numpay. She was able to turn a setback into an opportunity and create something truly amazing. See the impressive results for yourself and be inspired to take on your own challenges!



Lessons Learned

Through her experience, Caroline learned valuable lessons about resilience, creativity, and teamwork. She discovered that failure is not the end, but a chance to learn and grow. Take away some important insights from her story and apply them to your own life!





Getting Started with Code NumPy

Code NumPy is a powerful tool for **data analysis** and **visualization**. In this section, we'll go over the basics of how to use Code NumPy to analyze your health data. We'll cover topics such as importing data, cleaning data, and creating visualizations.

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AttributeError: 'OutStream' object has no attribute 'buffer'
```

```
In [28]: #corelation matrix
corr_matrix = round(full_health_data.corr(),2)
print(corr_matrix)
```

	Duration	Average_Pulse	Max_Pulse	Calorie_Burnage	\
Duration	1.00	0.97	0.95	0.97	
Average_Pulse	0.97	1.00	0.97	1.00	
Max_Pulse	0.95	0.97	1.00	0.97	
Calorie_Burnage	0.97	1.00	0.97	1.00	
Hours_Work	-0.43	-0.42	-0.56	-0.42	
Hours_Sleep	0.88	0.87	0.84	0.87	
	Hours_Work	Hours_Sleep			
Duration	-0.43	0.88			
Average_Pulse	-0.42	0.87			
Max_Pulse	-0.56	0.84			
Calorie_Burnage	-0.42	0.87			
Hours_Work	1.00	-0.17			
Hours_Sleep	-0.17	1.00			

```
In [ ]: |
```

```
plt.show()

plt.savefig(sys.stdout.buffer)
sys.stdout.flush()

C:\Users\rakes\AppData\Local\Temp\ipykernel_7096\1884177024.py:12: UserWarning: Matplotlib is currently using
on-GUI backend, so cannot show the figure.
  plt.show()

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AttributeError: Traceback (most recent call last)
~\AppData\Local\Temp\ipykernel_7096\1884177024.py in <module>
    12 plt.show()
    13
--> 14 plt.savefig(sys.stdout.buffer)
    15 sys.stdout.flush()

AttributeError: 'OutStream' object has no attribute 'buffer'

[ ]: #corelation matrix
corr_matrix = round(full_health_data.corr(),2)
print|
```

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	duration	average_pulse	max_pulse	calorie_burnage	hours_work	hours_sleep											
2																	
3	30	80	120	240	10	7											
4	30	85	120	250	10	7											
5	45	90	130	260	8	7											
6	45	95	130	270	8	7											
7	45	100	140	280	0	7											
8	60	105	140	290	7	8											
9	62	110	146	300	2.666667	7.666667											
10	67.57143	115	150.5714	310	1.380952	7.809524											
11	73.14286	120	155.1429	320	0.095238	7.952381											
12	78.71429	125	159.7143	330	-1.19048	8.095238											
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data sheet in csv

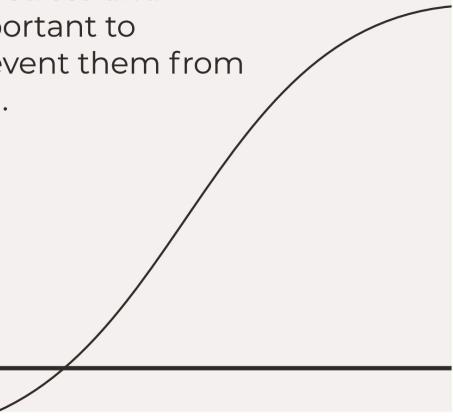
Sheet1 +

Select destination and press ENTER or choose Paste

Current Health Status



Caroline is currently in good health. She exercises regularly and follows a balanced diet. She has not experienced any major health issues since her stroke. However, she does report occasional stress and difficulty sleeping. It is important to address these issues to prevent them from affecting her overall health.

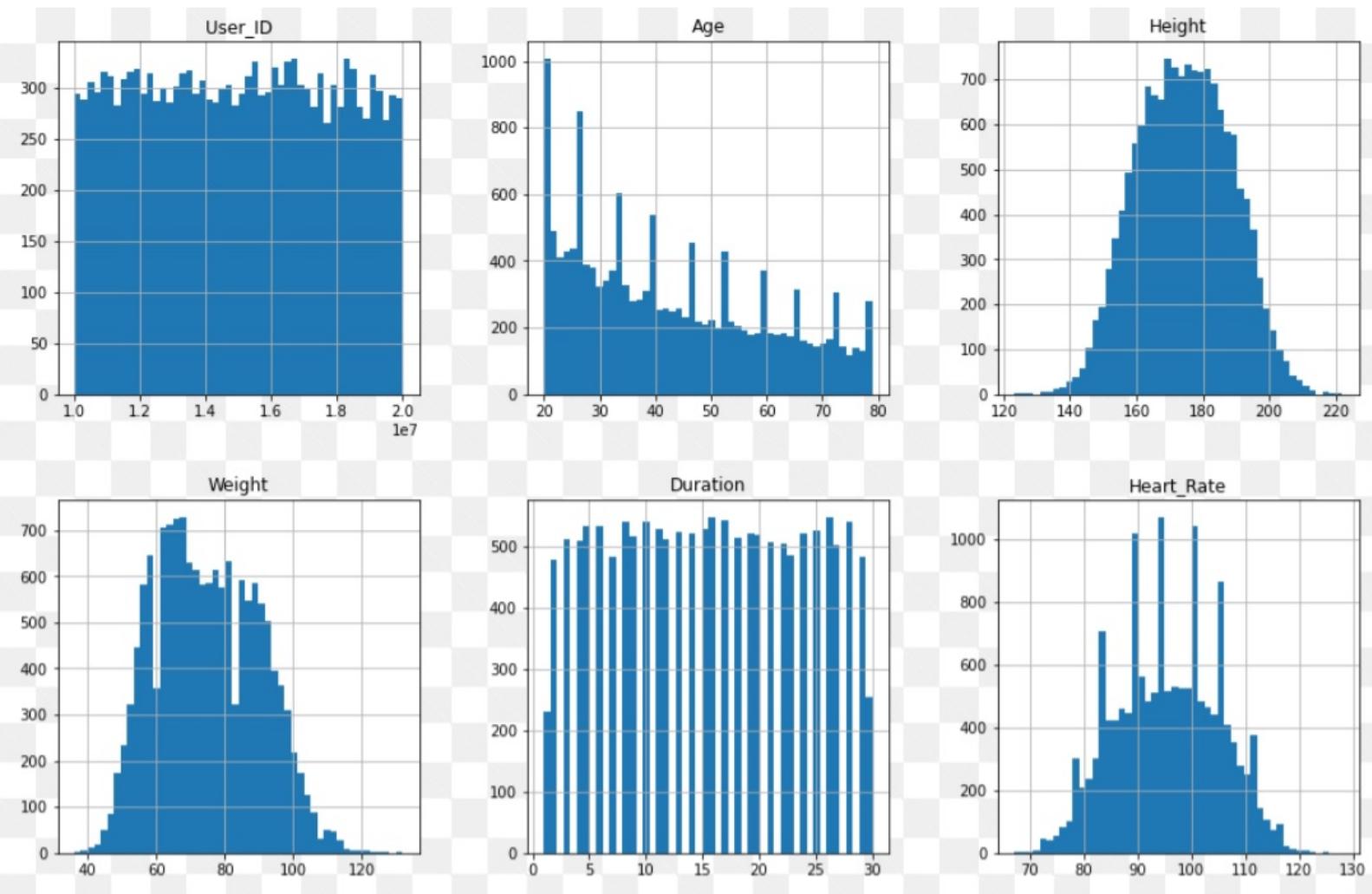


Caroline has a history of high blood pressure and elevated cholesterol levels. She also experienced a minor stroke five years ago. These conditions are managed with medication and regular check-ups. It is important to monitor these conditions to prevent further complications.



Visualizing Your Health Data

Visualizing your health data can help you gain insights into your well-being that might not be apparent from just looking at numbers. Code NumPy makes it easy to create visualizations that can help you understand your health data at a glance. In this section, we'll explore some of the ways that you can use Code NumPy to create powerful visualizations of your health data.



Conclusion

Caroline's story is a testament to the power of perseverance and innovation. With the right mindset and support, anyone can rise from the ashes of failure and achieve greatness. Thank you for joining us on this creative journey!

Thanks!

**Do you have any
questions?**

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