

# Development #12

Merged

ISAACLINDROOS merged 4 commits into `main` from `development` 23 hours ago

Conversation 0

Commits 4

Checks 0

Files changed 2

Changes from all commits

File filter

Conversations

Jump to

BIN +1.63 KB Releases/Laptop Price Calculator 10.1.E (Development)/build/assets/button\_28.png

Restart

43 .../Laptop Price Calculator 10.1.E (Development)/build/laptop\_price\_calculator\_dev\_10.1.E.py

40	import pydotplus	40	import pydotplus
41		41	
42		42	
43	-		
44	# Set local PATH:	43	# Set local PATH:
45	OUTPUT_PATH = Path(__file__).parent	44	OUTPUT_PATH = Path(__file__).parent
46	ASSETS_PATH = OUTPUT_PATH / Path("./assets")	45	ASSETS_PATH = OUTPUT_PATH / Path("./assets")
50	return ASSETS_PATH / Path(path)	49	return ASSETS_PATH / Path(path)
51		50	
52		51	
53	-		
54	# Pandas Dataframe Configuration: (Set Columns)	52	# Pandas Dataframe Configuration: (Set Columns)
55	columns = ['brand', 'model', 'processor_brand',	53	columns = ['brand', 'model', 'processor_brand',
	'processor_name', 'processor_gnrtn', 'ram_gb', 'ram_type',		'processor_name', 'processor_gnrtn', 'ram_gb', 'ram_type',
	'ssd', 'hdd', 'os', 'os_bit', 'graphic_card_gb',		'ssd', 'hdd', 'os', 'os_bit', 'graphic_card_gb',
56	weight', 'display-size', 'warranty',	54	weight', 'display-size', 'warranty',
	'touchscreen', 'msoffice', 'latest_price', 'old_price',		'touchscreen', 'msoffice', 'latest_price', 'old_price',
	'discount', 'star_rating', 'ratings', 'reviews']		'discount', 'star_rating', 'ratings', 'reviews']
64	df = df.dropna().reset_index(drop=True)	62	df = df.dropna().reset_index(drop=True)
65	print(df)	63	print(df)
66		64	
		65	+
67	# Function: "Display settings (Pandas dataframe)"	66	# Function: "Display settings (Pandas dataframe)"
68	def set_pandas_display_options() -> None:	67	def set_pandas_display_options() -> None:
69	display = pd.options.display	68	display = pd.options.display
72	display.max_colwidth = 199	71	display.max_colwidth = 199
73	display.width = 1000	72	display.width = 1000
74		73	
		74	+
75	set_pandas_display_options()	75	set_pandas_display_options()
76		76	
77	# Individual dataframe Configuration:	77	# Individual dataframe Configuration:
222	print(df)	222	print(df)
223		223	
224		224	
225	- # Datalabel readout Configuration:	225	+ def results_dataframe():
226	- datalabel = df	226	+ # Pandas Dataframe Configuration: (Set Columns)
		227	+ columns = ['brand', 'model', 'processor_brand',
			'processor_name', 'processor_gnrtn', 'ram_gb', 'ram_type',

		228	+ 'ssd', 'hdd', 'os', 'os_bit', 'graphic_card_gb', + 'weight', 'display-size', 'warranty', 'touchscreen', 'msoffice', 'latest_price', 'old_price', 'discount', 'star_rating', 'ratings', 'reviews']
		229	+ df = pd.read_csv(ASSETS_PATH / "laptops_dataset_clean_refined.csv",
		230	+ usecols=['os', 'ssd', 'ram_gb', 'display_size', 'touchscreen', 'brand'])
		231	+ df = df.dropna()
		232	+ print("Main Dataframe:\n", df)
		233	+ df = df.dropna(axis=0)
		234	+ df = df.dropna().reset_index(drop=True)
		235	+ print(df)
		236	+
227		237	
		238	+ # Datalabel readout Configuration:
		239	+ datalabel = results_dataframe
228		240	
229		241	
230	# Create a Results GUI class to connect the Results GUI and the Main Window's GUI:	242	# Create a Results GUI class to connect the Results GUI and the Main Window's GUI:
294	ResultsWindow = ResultsWindowGUI()	306	ResultsWindow = ResultsWindowGUI()
295		307	
296		308	
		309	+ # Function "Refresh Window":
		310	+ def refresh():
		311	+ window.update()
297		312	
		313	+
298	# Function "Quit Window + Confirmation":	314	# Function "Quit Window + Confirmation":
299	def confirm():	315	def confirm():
300	answer = askyesno(title='Exit Confirmation',	316	answer = askyesno(title='Exit Confirmation',
301	message='Are you sure that you want to quit?', icon='warning')	317	message='Are you sure that you want to quit?', icon='warning')
302	if answer:	318	if answer:
303	closewindow()	319	closewindow()
304	-	320	+ <div></div>
305		321	
306	# Function "Generation + Confirmation":	322	# Function "Generation + Confirmation":
307	def confirmgen():	323	def confirmgen():
332	label.config(text="")	348	label.config(text="")
333		349	
334		350	
335	-		
336	# Tkinter GUI: Initial Window settings (Main):	351	# Tkinter GUI: Initial Window settings (Main):
337	window = tk.Tk()	352	window = tk.Tk()
338	window.geometry("1000x600")	353	window.geometry("1000x600")
853	height=18.44775390625	868	height=18.44775390625
854	)	869	)
855		870	
		871	+ button_image_28 = PhotoImage( + file=relative_to_assets("button_28.png"))
		873	+ button_28 = Button( + image=button_image_28, + borderwidth=0, + highlightthickness=0, + command=refresh, + relief="flat" + )
		880	+ button_28.place( + x=915.0, + y=549.0, + width=72.0, + height=18.44775390625 + )
		885	+
		886	+

```
856 window.resizable(False, False)
```

```
857 window.mainloop()
```

```
887
```

```
window.resizable(False, False)
```

```
888
```

```
window.mainloop()
```