at   Outlook

RE: SVR Figure From Textbook

From Worch, Josiah <JWORCH@email.sc.edu>

Date Tue 9/23/2025 10:01 AM

To   Downey, Austin <AUSTINDOWNEY@sc.edu>

📎 3 attachments (22 KB)
SVRDiagram3_NonLinearKernel_Python_V6.zip; SVRDiagram3_NonLinearKernel_Python_Plotly_V1.txt;
SVRDiagram3_NonLinearKernel_Python_V6.txt;

Dr. Downey,

Sorry for the late response. I've attached the code as a zip file and as .txt files. Venmo works for me, my Venmo is ⬚⬚⬚⬚⬚⬚ and the last four numbers of my phone number are ⬚⬚⬚⬚

-Josiah Worch

From: Downey, Austin <AUSTINDOWNEY@sc.edu>
Sent: Thursday, September 18, 2025 11:17 PM
To: Worch, Josiah <JWORCH@email.sc.edu>
Subject: Re: SVR Figure From Textbook

Josiah,

Thanks, I can not download them because they are .py. Can you change the extension to .txt and I can then change it back.

Also, do you have Venmo? Or I can give you cash.

All the best,
Austin

From: Worch, Josiah <JWORCH(Siemail.sc.edu>
Sent: Thursday, September 18, 2025 1:49 PM
To: Downey, Austin <AUSTINDOWNEY(a)sc.edu>
Subject: RE: SVR Figure From Textbook

Dr. Downey,

Of course! I've attached the code for both versions to this email.

-Josiah Worch

From: Downey, Austin <AUSTINDOWNEY(a)sc.edu>
Sent: Thursday, September 18, 2025 1:06 PM
To: Worch, Josiah <JWORCH(3)email.sc.edu>
Subject: Re: SVR Figure From Textbook

Josiah,

Would you take $20 for this code? That way, it's a "work for hire". I am going to just put it in the book and release it under a CC license (for free), but I like to have clear delineation on things like publications, as it is my job, and I think

clear boundaries just help keep things aligned.

If you send me the code, I can make final alterations to it and get it added to the text.

All the best,
Austin

From: Worch, Josiah <JWORCH@email.sc.edu>
Sent: Thursday, September 18, 2025 11:49 AM
To: Downey, Austin <AUSTINDOWNEY@sc.edu>
Subject: SVR Figure From Textbook

Dr. Downey,

I've attached the two best versions of the SVR figure that I've created thus far, as well as the original for comparison. While I do not like the version created using plotly, I was unable to correct the matplotlib artifact in the standard version that hides many of the blue data points at the bottom of the graph. In any case, I will continue to work on these as I have time. Please let me know if you have any questions.

Best regards,

Josiah N. Worch
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