

00:00:00.000 --> 00:00:04.230

WILLIAM HEBBLEWHITE

Hi everybody, hope you're doing well. I hope the sort of.

00:00:04.750 --> 00:00:09.720

WILLIAM HEBBLEWHITE

So projects are sort of coming along.

00:00:10.540 --> 00:00:13.040

WILLIAM HEBBLEWHITE

Uh, and the rest of the team submitted the.

00:00:14.770 --> 00:00:15.340

WILLIAM HEBBLEWHITE

Uh.

00:00:17.150 --> 00:00:21.520

WILLIAM HEBBLEWHITE

Documentation for task 2.1 this morning.

00:00:22.150 --> 00:00:22.750

WILLIAM HEBBLEWHITE

Uh.

00:00:24.570 --> 00:00:24.870

WILLIAM HEBBLEWHITE

If you.

00:00:24.920 --> 00:00:37.410

WILLIAM HEBBLEWHITE

Why I will sort of share come later. What I write up for the data science teams. So you can have a look at that.

00:00:39.540 --> 00:00:43.010

WILLIAM HEBBLEWHITE

Other than that, I've been sort of.

00:00:44.920 --> 00:00:47.630

WILLIAM HEBBLEWHITE

Slowly working at away at.

00:00:48.490 --> 00:00:49.260

WILLIAM HEBBLEWHITE

The.

00:00:50.690 --> 00:00:53.660

WILLIAM HEBBLEWHITE

Some of the algorithms stuff that a man, uh.

00:00:54.600 --> 00:01:02.860

WILLIAM HEBBLEWHITE

SHASHVAT have been looking at, but I haven't made as much progress as I would have liked because I got really busy at work.

00:01:06.370 --> 00:01:09.020

WILLIAM HEBBLEWHITE

But hopefully over this weekend I'll be doing some stuff.

00:01:09.970 --> 00:01:14.560

WILLIAM HEBBLEWHITE

And that's me. So I'll pass on to.

00:01:16.240 --> 00:01:18.870

WILLIAM HEBBLEWHITE

The data engineering team, how are you guys going?

00:01:21.780 --> 00:01:52.410

VINAY RATTA

Hi, everyone. Hi, William. Uh, so SHASHVAT just has uploaded, uploaded the data in a XML file TSX file. Sorry so I'm working on making that data into the CSV format in Python. At the moment I have been struggling a little bit in installing PIP and libraries so I'm kinda stuck there. I might need someone's help maybe.

00:01:52.970 --> 00:02:22.890

VINAY RATTA

Like on Monday so that we can show some progress towards that. It's a I think I believe like the the data he has uploaded, it's kind of like what we want. We want our data to be like receiving data from the device, is it it, it's showing at the moment the heart rate and stuff like that. This is exactly what we want, right. So if we able to do that data in CSV format and later other team.

00:02:10.120 --> 00:02:10.490

WILLIAM HEBBLEWHITE

Yep.

00:02:22.940 --> 00:02:27.110

VINAY RATTA

Can do graphing and analyze the data. I think it would be a huge.

00:02:28.470 --> 00:02:34.580

WILLIAM HEBBLEWHITE

Yep. So what particular let's what particular problems are you having with PIP and?

00:02:29.610 --> 00:02:29.920

VINAY RATTA

Yeah.

00:02:35.030 --> 00:02:51.340

VINAY RATTA

I think I was, uh. So because that data is like in the other format I we want to create that data in the CSV format. So I was trying to install some libraries which would help me but to install that library I won't pip.

00:02:43.610 --> 00:02:43.920

WILLIAM HEBBLEWHITE

Yep.

00:02:51.940 --> 00:03:01.110

VINAY RATTA

But I'm just having some errors so I I'm just like installing my uh Jupiter like Python again.

00:03:01.340 --> 00:03:01.680

WILLIAM HEBBLEWHITE

Uh-huh.

00:03:02.130 --> 00:03:12.820

VINAY RATTA

Before it was like uh uh path error which I was able to source, but no, I'm again getting. I just reinstalled again. I might like see how it goes.

00:03:13.120 --> 00:03:18.090

WILLIAM HEBBLEWHITE

You might have to create a a separate environment. UM.

00:03:18.880 --> 00:03:20.850

WILLIAM HEBBLEWHITE

And and do it that way.

00:03:21.580 --> 00:03:22.230

WILLIAM HEBBLEWHITE

So.

00:03:24.690 --> 00:03:25.400

WILLIAM HEBBLEWHITE

We can.

00:03:27.580 --> 00:03:33.030

WILLIAM HEBBLEWHITE

Another option is to use a another and easier or maybe an easier option.

00:03:33.850 --> 00:03:37.650

WILLIAM HEBBLEWHITE

Rather than Anaconda is to use Google Colab.

00:03:38.480 --> 00:03:44.690

WILLIAM HEBBLEWHITE

Which has I I think is a little bit easier in creating environments, but.

00:03:46.520 --> 00:03:50.570

WILLIAM HEBBLEWHITE

Yeah, we can. We can have a look at that on Monday.

00:03:50.840 --> 00:03:54.060

VINAY RATTA

Yeah, yeah, yeah, that would be great. Very nice. Yeah.

00:03:51.560 --> 00:03:51.860

WILLIAM HEBBLEWHITE

Yep.

00:03:53.040 --> 00:03:53.410

WILLIAM HEBBLEWHITE

Go.

00:03:54.130 --> 00:03:59.800

WILLIAM HEBBLEWHITE

It's it's good. We got the the data SHASHVAT. That's great. So it just needs to be.

00:04:00.850 --> 00:04:04.680

WILLIAM HEBBLEWHITE

Transformed into a CSV and then cleaned, right?

00:04:03.090 --> 00:04:03.550

VINAY RATTA

Yep.

00:04:04.550 --> 00:04:08.340

VINAY RATTA

Yep, Yep. And then machine learning team can work on that.

00:04:09.350 --> 00:04:16.360

WILLIAM HEBBLEWHITE

Great. Awesome. Great work. Alright. Uh data storage. Uh, we went through some.

00:04:17.130 --> 00:04:20.720

WILLIAM HEBBLEWHITE

Stuff on Monday, I think Monday it's been a long week.

00:04:21.880 --> 00:04:22.800

WILLIAM HEBBLEWHITE

Uhm.

00:04:23.710 --> 00:04:25.740

WILLIAM HEBBLEWHITE

How are you guys going with that?

00:04:30.400 --> 00:04:33.310

WILLIAM HEBBLEWHITE

Lucy or Muzammil if you wanna.

00:04:34.020 --> 00:04:34.410

LUCY MANN

Sorry.

00:04:35.780 --> 00:04:47.000

LUCY MANN

We're going to we went over longer DB and Firebase so we did a review on them both and then did a comparison table of the two features so.

00:04:36.060 --> 00:04:36.330

WILLIAM HEBBLEWHITE

Like.

00:04:47.650 --> 00:04:53.180

LUCY MANN

Uhm, I guess the one thing is longer day, but is open source, but Firebase isn't.

00:04:53.490 --> 00:04:55.280

WILLIAM HEBBLEWHITE

Yep, Yep. So that's the big.

00:04:54.200 --> 00:04:57.230

LUCY MANN

And that's a requirement by the company. UM.

00:04:57.210 --> 00:05:02.940

WILLIAM HEBBLEWHITE

Yeah, that's the big thing from the directors is they want things to be open source.

00:05:03.660 --> 00:05:04.360

WILLIAM HEBBLEWHITE

Uhm.

00:05:05.250 --> 00:05:09.620

WILLIAM HEBBLEWHITE

And I know AKSHAT and Dev OPS is really pushing for fire base.

00:05:10.310 --> 00:05:11.080

WILLIAM HEBBLEWHITE

Uhm.

00:05:11.850 --> 00:05:19.020

WILLIAM HEBBLEWHITE

But that's not open source, so there's a bit of a sort of tussle going on there. My suggestion would just be too.

00:05:19.720 --> 00:05:21.890

WILLIAM HEBBLEWHITE

Focus on Mongo DB for now.

00:05:22.810 --> 00:05:23.140

LUCY MANN

Yep.

00:05:23.120 --> 00:05:27.970

WILLIAM HEBBLEWHITE

Until that cough awful over 5 basis sort it out.

00:05:29.100 --> 00:05:29.790

WILLIAM HEBBLEWHITE

Uh, yeah.

00:05:29.160 --> 00:05:46.330

LUCY MANN

Yeah, I think we're waiting a little more towards long road for the time being. I'm just finishing up.

I'm just putting our research together in one document and I'll place it on the teams files, but, but yeah, I think the big factor is it's open source and fire bases. And so I guess.

00:05:45.980 --> 00:05:46.390

WILLIAM HEBBLEWHITE

Yep.

00:05:47.480 --> 00:05:56.640

LUCY MANN

You know, just whether we wanna go against that or not because I guess at the end of the day, everything sort of provides similar similar features.

00:05:47.540 --> 00:05:48.030

WILLIAM HEBBLEWHITE

Uhm.

00:05:56.910 --> 00:05:59.080

WILLIAM HEBBLEWHITE

Yeah. Yeah. Uhm.

00:06:00.490 --> 00:06:05.420

WILLIAM HEBBLEWHITE

That's exactly right. Most of these database solutions to offer a.

00:06:06.290 --> 00:06:07.740

WILLIAM HEBBLEWHITE

Similar features.

00:06:09.170 --> 00:06:14.660

WILLIAM HEBBLEWHITE

I think also is open source and Lily's Mongo DB is a little bit more.

00:06:15.440 --> 00:06:16.050

WILLIAM HEBBLEWHITE

Uhm.

00:06:17.530 --> 00:06:46.720

WILLIAM HEBBLEWHITE

Platform agnostic in which and we haven't really decided on platform, but say in the future people decide to go with Google or a WS or Azure. All of those support Mongo DB while I think only Google helps support provides support for Firebase so that those are the sorts of questions we need to look at. How difficult is it or would it be to set up a a mongo DB.

00:06:48.190 --> 00:06:57.060

LUCY MANN

Uhm, I don't think it'll be too difficult. It's free, so I'll just as long as we use service side public license.

00:06:57.260 --> 00:06:57.650

WILLIAM HEBBLEWHITE

Yep.

00:06:57.430 --> 00:07:04.030

LUCY MANN

Uhm, so I don't think it'll be too challenging. I guess that could be something we work on now is just setting up.

00:07:04.930 --> 00:07:08.800

LUCY MANN

Come and seeing how it runs and how how simple that is.

00:07:06.860 --> 00:07:07.620

WILLIAM HEBBLEWHITE

Yeah.

00:07:09.130 --> 00:07:11.720

WILLIAM HEBBLEWHITE

Why don't you set up a? Why don't you just?

00:07:13.330 --> 00:07:16.620

WILLIAM HEBBLEWHITE

Test a small one. Set up a small one for now.

00:07:17.930 --> 00:07:24.640

WILLIAM HEBBLEWHITE

You see, if you can do that and then get in touch with the cyber security 'cause, then they, if we can set up a.

00:07:25.350 --> 00:07:32.140

WILLIAM HEBBLEWHITE

Testing environment for our database in the cyber security, people can come in and play around with it for their stuff.

00:07:33.810 --> 00:07:35.670

WILLIAM HEBBLEWHITE

Which I think is also important.

00:07:37.290 --> 00:07:41.160

WILLIAM HEBBLEWHITE

But you may want to talk to them about that. So reaching out to Michael.

00:07:42.280 --> 00:07:43.530

WILLIAM HEBBLEWHITE

In cyber security.

00:07:42.830 --> 00:07:43.130

LUCY MANN

Yep.

00:07:45.090 --> 00:07:46.520

WILLIAM HEBBLEWHITE

It's probably a good step as well.

00:07:47.210 --> 00:07:51.820

LUCY MANN

Yep, easy will make that the focus then from now until till next weeks meeting.

00:07:52.190 --> 00:08:07.180

WILLIAM HEBBLEWHITE

Brilliant, right? Yeah. And you don't have to. I mean, it doesn't have to be completed by next week. Like this can be well. Uh, you can think about setting up the database, how you wanna do it. What skills are required and then sort of aim for that for.

00:08:07.870 --> 00:08:10.970

WILLIAM HEBBLEWHITE

What we call we're we're in five now, right for five.

00:08:12.640 --> 00:08:14.510

WILLIAM HEBBLEWHITE

I am for that for maybe weeks 7.

00:08:16.050 --> 00:08:16.940

LUCY MANN

Yep, sounds good.

00:08:17.840 --> 00:08:18.440

WILLIAM HEBBLEWHITE

Excellent.

00:08:19.050 --> 00:08:24.460

WILLIAM HEBBLEWHITE

Uh, cool sales analysis, I know.

00:08:25.390 --> 00:08:31.000

WILLIAM HEBBLEWHITE

And contacted me before to say he wouldn't make the meeting, but he had some documentation.

00:08:33.210 --> 00:08:34.370

WILLIAM HEBBLEWHITE

But is that the?

00:08:35.480 --> 00:08:42.670

WILLIAM HEBBLEWHITE

Hang on, let me look at that. Maybe I'm getting confused with my hands. Yeah. And then you're here, right. How's, how's that going?

00:08:53.900 --> 00:08:58.090

XIAOLU LI

Uh, I may explain. The apparent I did.

00:08:58.550 --> 00:08:58.920

WILLIAM HEBBLEWHITE

Yep.

00:09:01.420 --> 00:09:03.790

XIAOLU LI

I I searched cold.



00:09:04.540 --> 00:09:08.620

XIAOLU LI

The number of VR games really asking from 2011.

00:09:09.170 --> 00:09:09.490

WILLIAM HEBBLEWHITE

Uh-huh.

00:09:10.090 --> 00:09:14.080

XIAOLU LI

The number of your game releases exploded in 2016.

00:09:14.830 --> 00:09:19.430

XIAOLU LI

A picture in 2017 and stabilize.

00:09:21.760 --> 00:09:31.150

XIAOLU LI

Do some research. This maybe cause a later lunch to the VR headset in 2016 in the Oculus, I think.

00:09:28.960 --> 00:09:29.430

WILLIAM HEBBLEWHITE

Yep.

00:09:31.390 --> 00:09:31.760

WILLIAM HEBBLEWHITE

Yep.

00:09:32.980 --> 00:09:39.430

XIAOLU LI

Well, it shows that we are hardware devices plays a key role in the development of VR games.

00:09:40.760 --> 00:09:44.010

XIAOLU LI

The second chart, according to the analysis of.

00:09:44.890 --> 00:09:49.440

XIAOLU LI

The number of top 10 rated VR games sold on the Steam so far.

00:09:50.680 --> 00:09:51.730

XIAOLU LI

There are three.

00:09:52.350 --> 00:10:02.480

XIAOLU LI

I think two factors that have big impacts game promotion, but the application of VR technology and game mode.

00:10:03.120 --> 00:10:03.570

WILLIAM HEBBLEWHITE

Yep.

00:10:03.580 --> 00:10:11.650

XIAOLU LI

Uh, for example, Youtubers, recommendations, influencers live streaming the game.

00:10:13.260 --> 00:10:22.030

XIAOLU LI

And then once technology, it will bring the better game experience like half life Alex again.

00:10:22.660 --> 00:10:27.320

XIAOLU LI

I'm Anna. I'll people like multiplayer game modes.

00:10:28.150 --> 00:10:32.920

XIAOLU LI

Like oh, party mode or online better, something like that.

00:10:30.270 --> 00:10:31.030

WILLIAM HEBBLEWHITE

OK, cool.

00:10:35.310 --> 00:10:48.580

XIAOLU LI

That's that's the. Oh yeah, they said I have a small discover. I think that high selling games always have always Portmore language settings. I think that that's important as well.

00:10:48.880 --> 00:10:49.250

WILLIAM HEBBLEWHITE

Yep.

00:10:49.700 --> 00:10:51.390

XIAOLU LI

That's why I get honesty.

00:10:52.860 --> 00:10:56.640

WILLIAM HEBBLEWHITE

Cold and you have documentation. You've documented all of this.

00:10:57.090 --> 00:11:00.560

XIAOLU LI

All my party is in the in the document I think.

00:11:00.130 --> 00:11:00.520

WILLIAM HEBBLEWHITE

Yeah.

00:11:01.500 --> 00:11:05.830

XIAOLU LI

Like, I think that the Hua has submitted for you, baby.

00:11:06.200 --> 00:11:09.530

WILLIAM HEBBLEWHITE

OK. OK. So that's that's coming to me this afternoon, I think.

00:11:10.090 --> 00:11:10.480

XIAOLU LI

OK.

00:11:11.440 --> 00:11:22.410

WILLIAM HEBBLEWHITE

Cool. Not no, that's super good. I can show you that to the the the once I have that documentation, I can show that to the directors and the and the the game developers.

00:11:23.070 --> 00:11:30.660

WILLIAM HEBBLEWHITE

And we can start thinking more precisely about the sorts of things we want to develop. Great work. Love it.

00:11:31.880 --> 00:11:32.510

WILLIAM HEBBLEWHITE

Uhm.

00:11:34.130 --> 00:11:37.470

WILLIAM HEBBLEWHITE

Chris Ugams, how you going with the games?

00:11:39.740 --> 00:11:40.690

HYUN DONG KIM

Uhm.

00:11:41.570 --> 00:11:46.240

HYUN DONG KIM

Yeah, I'm. I. I've met some. I've made some progress regarding.

00:11:47.130 --> 00:11:54.190

HYUN DONG KIM

I reading, reading through the UM the textbook you recommended. I could probably ship quickly. What I've done this week.

00:11:50.370 --> 00:11:50.790

WILLIAM HEBBLEWHITE

Yep.

00:11:53.820 --> 00:11:54.370

WILLIAM HEBBLEWHITE

Yeah.

00:11:55.930 --> 00:11:56.320

HYUN DONG KIM

OK.

00:11:57.530 --> 00:12:04.460

WILLIAM HEBBLEWHITE

I think the game stuff is the more technical stuff, so I don't mind you guys taking a little bit of time to to understand that and and.

00:12:05.290 --> 00:12:12.090

WILLIAM HEBBLEWHITE

Uh, show its relevance to our projects and games are really? Yeah, I still don't understand them fully, but.

00:12:13.000 --> 00:12:13.470

WILLIAM HEBBLEWHITE

Come.

00:12:15.110 --> 00:12:15.960

WILLIAM HEBBLEWHITE

Too much math.

00:12:18.800 --> 00:12:22.470

HYUN DONG KIM

So basically I'm from my understanding.

00:12:23.910 --> 00:12:27.660

HYUN DONG KIM

Can I district study was Jeremy is basically an extension of.

00:12:28.270 --> 00:12:32.040

HYUN DONG KIM

Yeah, line which is the generalized linear linear model.

00:12:29.180 --> 00:12:29.530

WILLIAM HEBBLEWHITE

Yep.

00:12:32.700 --> 00:12:42.670

HYUN DONG KIM

And dumb gave me is basically using, I mean computing what? Why is it come with other variables of like X in the model?

00:12:43.150 --> 00:12:43.510

WILLIAM HEBBLEWHITE

Yep.

00:12:43.460 --> 00:12:44.050

HYUN DONG KIM

So.

00:12:44.860 --> 00:12:50.270

HYUN DONG KIM

Why is it better than other linear models is because game allows nonlinear analysis?

00:12:51.270 --> 00:13:09.760

HYUN DONG KIM

Uhm, with using, like, uhm, you know such things? There's like smoothing functions and also took all sorts of other things. So I just run through, you know, the textbook and then did you use the trace data that was already in the textbook and came up with some interesting analysis in there?

00:12:59.790 --> 00:13:00.240

WILLIAM HEBBLEWHITE

Yeah.

00:13:10.860 --> 00:13:27.260

HYUN DONG KIM

Uhm, so basically, just like the other machine learning Python algorithms, we can basically tune the UM, the smoothing functions like in this example it's the UM, I'm sorry in this example here we are just.

00:13:28.290 --> 00:13:32.980

HYUN DONG KIM

Like basically do doing the parameter tuning are in relation to Gemma.

00:13:33.360 --> 00:13:33.790

WILLIAM HEBBLEWHITE

Yep.

00:13:34.280 --> 00:13:37.860

HYUN DONG KIM

Can see how like the the the feed distribution of.

00:13:38.500 --> 00:13:40.210

HYUN DONG KIM

Uhm the model.

00:13:40.850 --> 00:13:51.940

HYUN DONG KIM

And then we can tell whether it's like. You can also tell from this the time it's overfitting, underfitting and these kind of things. So I was looking into this. Then I moved onto UM.

00:13:52.550 --> 00:13:56.720

HYUN DONG KIM

You're not hearing to staff regarding SWIFT and example.

00:13:56.900 --> 00:13:57.390

WILLIAM HEBBLEWHITE

Yeah.

00:13:57.960 --> 00:14:03.370

HYUN DONG KIM

Then I spoke with some SHASHVAT regarding some ideas that I would like to.

00:14:04.390 --> 00:14:08.640

HYUN DONG KIM

Come up within the next couple of weeks, which I'm in relation to.

00:14:09.810 --> 00:14:10.200

HYUN DONG KIM

Yeah.

00:14:10.830 --> 00:14:16.280

HYUN DONG KIM

So I wanna compute a I'm like a recommendation training model.

00:14:18.620 --> 00:14:23.510

HYUN DONG KIM

With the input data of like heart rate unity SHASHVAT oxygen data set.

00:14:23.130 --> 00:14:24.570

WILLIAM HEBBLEWHITE

Yep, Yep, awesome.

00:14:25.320 --> 00:14:34.640

HYUN DONG KIM

And I was just coming up with some random ideas, like how frequently do exercise or, you know, like in terms of giving you an output like saying.

00:14:35.850 --> 00:14:41.060

HYUN DONG KIM

You know, we recommend you to exercise every fortnight. I mean, I mean, every second day or something like that.

00:14:40.940 --> 00:14:41.410

WILLIAM HEBBLEWHITE

Yeah.

00:14:41.920 --> 00:14:47.450

HYUN DONG KIM

First of all, I was thinking about using nutrition data which will be helpful for.

00:14:48.410 --> 00:14:50.600

HYUN DONG KIM

You know a riders or something like that.

00:14:51.430 --> 00:14:53.880

HYUN DONG KIM

And I'll put I'm expecting a.

00:14:54.850 --> 00:14:57.800

HYUN DONG KIM

Wannabes. Or maybe many of these.

00:14:58.500 --> 00:14:59.030

WILLIAM HEBBLEWHITE

Cool.

00:14:59.680 --> 00:15:03.350

WILLIAM HEBBLEWHITE

Yeah, no, there is that they the there's a great ideas come.

00:15:04.720 --> 00:15:15.650

WILLIAM HEBBLEWHITE

And and with the with the dad or the new data we got as well. Once that's sort of preprocess, you can sort of jump into that and have a look if that's going to be useful to you as well.

00:15:16.850 --> 00:15:21.410

WILLIAM HEBBLEWHITE

Uh, and then when I finally get, say, the stuff I'm looking at is.

00:15:22.980 --> 00:15:28.010

WILLIAM HEBBLEWHITE

Related to time series regression and whether we can predict weather.

00:15:28.780 --> 00:15:29.330

WILLIAM HEBBLEWHITE

Eh.

00:15:30.260 --> 00:15:33.710

WILLIAM HEBBLEWHITE

For instance, a cyclist or runner will be slower or faster.

00:15:35.290 --> 00:15:37.200

WILLIAM HEBBLEWHITE

Depending on what he enters into.

00:15:35.360 --> 00:15:36.000

HYUN DONG KIM

Yeah. Hi.

00:15:38.070 --> 00:15:38.620

WILLIAM HEBBLEWHITE

Uhm.

00:15:38.640 --> 00:15:38.900

HYUN DONG KIM

Right.

00:15:39.640 --> 00:15:41.830

WILLIAM HEBBLEWHITE

So that that stuff should also.

00:15:42.360 --> 00:15:46.790

WILLIAM HEBBLEWHITE

Uh, be beneficial to your ideas. Proposal stuff.

00:15:47.960 --> 00:15:49.160

WILLIAM HEBBLEWHITE

It will be good.

00:15:49.840 --> 00:15:53.780

WILLIAM HEBBLEWHITE

Let's continue how we're doing and then maybe in a couple of weeks.

00:15:54.350 --> 00:15:54.940

WILLIAM HEBBLEWHITE

Uh.

00:15:56.730 --> 00:16:05.060

WILLIAM HEBBLEWHITE

Yourself, SHASHVAT and I can have a full meeting to see how we can push all of our ideas together further.

00:16:05.020 --> 00:16:05.200

HYUN DONG KIM

So.

00:16:06.860 --> 00:16:07.670

WILLIAM HEBBLEWHITE

Does that sound good?

00:16:06.930 --> 00:16:07.230

HYUN DONG KIM

Yep.

00:16:08.610 --> 00:16:09.180

HYUN DONG KIM

Yes, yes.

00:16:09.940 --> 00:16:10.550

WILLIAM HEBBLEWHITE

Awesome.

00:16:11.880 --> 00:16:12.710

WILLIAM HEBBLEWHITE

Uhm.

00:16:13.440 --> 00:16:19.790

WILLIAM HEBBLEWHITE

Is that everyone SHASHVAT. I'll let you have a how? How is your stuff with the algorithms going?

00:16:21.270 --> 00:16:23.370

SHASHVAT JOSHI

Yeah. Follow girl. I'm sorry for that.

00:16:24.660 --> 00:16:30.950

SHASHVAT JOSHI

Your volume down previous research data showed off queried one modelled around the NN MLP regressor one.

00:16:31.790 --> 00:16:39.520

SHASHVAT JOSHI

Honestly, 170% completed and I have to also visualize the loss curve of that model and it's pretty decent model. We just have to.

00:16:40.290 --> 00:16:43.720

SHASHVAT JOSHI

Tune some parameters around it. You can just show you the.



00:16:42.040 --> 00:16:42.430

WILLIAM HEBBLEWHITE

Yeah.

00:16:45.090 --> 00:16:45.990

SHASHVAT JOSHI

Progress in learning.

00:16:48.580 --> 00:16:49.850

WILLIAM HEBBLEWHITE

Yeah. So I guess.

00:16:51.180 --> 00:16:53.150

WILLIAM HEBBLEWHITE

If you are happy with how it is.

00:16:54.220 --> 00:16:54.970

WILLIAM HEBBLEWHITE

Uhm.

00:16:55.630 --> 00:16:56.590

SHASHVAT JOSHI

Yeah, it's dumb.

00:16:56.850 --> 00:16:59.520

WILLIAM HEBBLEWHITE

And I'd like personally the the.

00:17:00.420 --> 00:17:06.290

WILLIAM HEBBLEWHITE

Team leaders and directives were really impressed with what I showed them of your work last week, so that's really good.

00:17:06.940 --> 00:17:13.570

WILLIAM HEBBLEWHITE

And they're really they're really happy with the data science team and the the work that everyone is doing.

00:17:14.440 --> 00:17:16.750

WILLIAM HEBBLEWHITE

So if if you guys should be proud of that.

00:17:17.510 --> 00:17:19.020

WILLIAM HEBBLEWHITE

OK, this is cool, yeah.

00:17:20.170 --> 00:17:32.410

SHASHVAT JOSHI

So regarding the gammon that him was talking about. So I trained the data around gap and this was the predictive result that it was giving. So it's it's pretty decent. The blue one is the actual one and the orange one is the product.

00:17:25.760 --> 00:17:26.090

WILLIAM HEBBLEWHITE

Yep.

00:17:32.010 --> 00:17:32.920

WILLIAM HEBBLEWHITE

Yeah, that's great.

00:17:34.930 --> 00:17:45.710

SHASHVAT JOSHI

Come next week, I'm just gonna further work on this and try to get 2-3 models move and after weeks 6 or week five we can just finalize the final model and start testing on that.

00:17:46.200 --> 00:17:51.550

WILLIAM HEBBLEWHITE

Yeah. So I think I think where you wanna be going at the moment is.

00:17:47.310 --> 00:17:51.010

HYUN DONG KIM

So I think I think we're gonna be going blind.

00:17:51.710 --> 00:17:52.300

HYUN DONG KIM

Is.

00:17:52.250 --> 00:17:57.400

WILLIAM HEBBLEWHITE

Uh, working with Vinny on on getting the that data sorted.

00:17:58.150 --> 00:18:04.640

WILLIAM HEBBLEWHITE

So then we have some real world data that we can test on your algorithms, like really unclean daughter, right?

00:18:05.280 --> 00:18:05.930

WILLIAM HEBBLEWHITE

Uhm.

00:18:05.980 --> 00:18:06.200

SHASHVAT JOSHI

Yeah.

00:18:06.880 --> 00:18:23.870

WILLIAM HEBBLEWHITE

And and. But this is great. I I I I I I I I fully trust what you're doing SHASHVAT so you can have as much room as you want. Everyone can have as much at room to explore the ideas that you want to explore. So you're all doing really great and unless.

00:18:17.900 --> 00:18:18.250

SHASHVAT JOSHI

Oh.

00:18:23.070 --> 00:18:25.640

SHASHVAT JOSHI

Let's hold on. I'm one that young asked me.

00:18:26.650 --> 00:18:31.810

SHASHVAT JOSHI

And I'm planning to link this with the ideas that Yang has proposed right now in the meeting.

00:18:31.930 --> 00:18:32.940

WILLIAM HEBBLEWHITE

Yeah, cool.

00:18:34.350 --> 00:18:42.240

SHASHVAT JOSHI

Next week for the government, most plan is to get some high order nonlinear algorithms that we can use for the for this approach.

00:18:42.380 --> 00:18:43.560

WILLIAM HEBBLEWHITE

Brilliant. Love it.

00:18:43.070 --> 00:18:46.750

SHASHVAT JOSHI

I'm still looking into this and not yeah, it will take that response.

00:18:51.520 --> 00:19:00.130

WILLIAM HEBBLEWHITE

Well, so what's this plane? Sorry. Can you just go through this? Uh, SPL. And he sort of function that was mentioned at the bottom there.

00:19:05.940 --> 00:19:20.910

SHASHVAT JOSHI

So basically in the linear regression we have a relationship between targets and predictors like in my case when we had the oxygen and the heart rate 1 in your time location, you might have for the the data you are working on Q Desalvo and I don't remember the name.

00:19:10.690 --> 00:19:11.140

WILLIAM HEBBLEWHITE

Yep.

00:19:18.560 --> 00:19:18.950

WILLIAM HEBBLEWHITE

Uh-huh.

00:19:22.130 --> 00:19:33.420

SHASHVAT JOSHI

So basically in can we must have predictors Toby our simple weighted sum and Graeme purposes started tries to avoid this limitation between the target and the predictors that might arise.

00:19:34.690 --> 00:19:40.220

SHASHVAT JOSHI

So this this function that utilizes this method is caused by. Basically that's what happened is stood as far right now.

00:19:40.740 --> 00:19:41.110

WILLIAM HEBBLEWHITE

Uh-huh.

00:19:42.080 --> 00:19:52.070

SHASHVAT JOSHI

ANH this will allow us the model to have like a non elimination ship with each of the features that you might have and the sum of all these blinds forms again.

00:19:48.010 --> 00:19:48.330

WILLIAM HEBBLEWHITE

Yep.

00:19:52.660 --> 00:19:54.130

WILLIAM HEBBLEWHITE

Yeah, cool.

00:19:53.680 --> 00:19:57.280

SHASHVAT JOSHI

As basically it's like highly flexible model I say.

00:19:56.380 --> 00:19:58.270

WILLIAM HEBBLEWHITE

Yeah, and and that's what we want.

00:20:01.240 --> 00:20:03.140

WILLIAM HEBBLEWHITE

Cool. Awesome. Great work.

00:20:04.060 --> 00:20:07.980

WILLIAM HEBBLEWHITE

Uh, it. Does anyone have any questions about?

00:20:08.700 --> 00:20:09.250

WILLIAM HEBBLEWHITE

Anything.

00:20:11.300 --> 00:20:34.670

VINAY RATTA

Uh. Hi, William. Uh. Actually, I would like to suggest something regarding like, uh additional meetings for like everything. The team I would suggesting if we all can upload excel sheet stating our availabilities apart from this meeting and we can collaborate according to that and they can add it whenever they like.

00:20:12.750 --> 00:20:13.040

WILLIAM HEBBLEWHITE

Yep.

00:20:13.350 --> 00:20:13.660

HYUN DONG KIM

Uh.

00:20:15.340 --> 00:20:15.660

WILLIAM HEBBLEWHITE

Uh-huh.

00:20:35.660 --> 00:20:35.920

WILLIAM HEBBLEWHITE

Yes.

00:20:35.970 --> 00:20:39.980

WILLIAM HEBBLEWHITE

Yeah. So what I'll do is I will.

00:20:43.690 --> 00:20:44.450

WILLIAM HEBBLEWHITE

Uhm.

00:20:46.210 --> 00:20:49.780

WILLIAM HEBBLEWHITE

If I hang on, I need to get the right menu.

00:20:52.820 --> 00:20:55.710

WILLIAM HEBBLEWHITE

If we click on team information.

00:20:57.050 --> 00:20:58.340

WILLIAM HEBBLEWHITE

I can.

00:21:01.170 --> 00:21:01.740

WILLIAM HEBBLEWHITE

Lady.

00:21:02.810 --> 00:21:05.060

WILLIAM HEBBLEWHITE

I'll set up an availability tab there.

00:21:06.570 --> 00:21:07.080

WILLIAM HEBBLEWHITE

Uh.

00:21:08.510 --> 00:21:09.580

WILLIAM HEBBLEWHITE

I guess what I guess.

00:21:10.360 --> 00:21:14.330

WILLIAM HEBBLEWHITE

Is that just for interacting with individual members unite?

00:21:13.980 --> 00:21:30.230

VINAY RATTA

So that like, you know, sort of like, uh, skills up everyone doing other units as well, right? So I just feel like it be best idea like whoever is working on like they can edit it anytime, you know the like every any week.

00:21:24.800 --> 00:21:25.210

WILLIAM HEBBLEWHITE

Yeah.

00:21:31.460 --> 00:21:33.010

WILLIAM HEBBLEWHITE

Yeah. Let me just.

00:21:31.560 --> 00:21:32.670

VINAY RATTA

Something like that, yeah.

00:21:33.670 --> 00:21:35.260

WILLIAM HEBBLEWHITE

Hang on, give me a quick.

00:21:39.260 --> 00:21:39.970

WILLIAM HEBBLEWHITE

2nd.

00:21:51.300 --> 00:21:54.310

WILLIAM HEBBLEWHITE

Yeah, I think that's a good idea. I'm setting something up.

00:21:55.420 --> 00:21:56.140

WILLIAM HEBBLEWHITE

Now.

00:21:57.090 --> 00:21:58.580

WILLIAM HEBBLEWHITE

So if people.

00:21:59.310 --> 00:22:03.300

WILLIAM HEBBLEWHITE

Could fill this out over the weekend.

00:22:04.160 --> 00:22:04.770

WILLIAM HEBBLEWHITE

Uhm.

00:22:06.110 --> 00:22:09.250

WILLIAM HEBBLEWHITE

That would be really good. Let me just show it to you. It's very basic.

00:22:10.040 --> 00:22:10.910

WILLIAM HEBBLEWHITE

But it's very.

00:22:14.710 --> 00:22:16.700

WILLIAM HEBBLEWHITE

OK, let me just share this very quickly.

00:22:17.480 --> 00:22:18.060

WILLIAM HEBBLEWHITE

Uhm.

00:22:21.900 --> 00:22:29.910

WILLIAM HEBBLEWHITE

So this is what it looks like, like just, uh, put your name there and then indicate whether you're sort of.

00:22:30.510 --> 00:22:32.440

WILLIAM HEBBLEWHITE

Available or not?

00:22:33.230 --> 00:22:34.700

WILLIAM HEBBLEWHITE

So we just make this.

00:22:35.670 --> 00:22:36.320

WILLIAM HEBBLEWHITE

M.

00:22:37.430 --> 00:22:39.490

WILLIAM HEBBLEWHITE

Uh, I.

00:22:42.820 --> 00:22:43.510

WILLIAM HEBBLEWHITE

And.

00:22:44.880 --> 00:22:45.390

WILLIAM HEBBLEWHITE

East.

00:22:49.190 --> 00:22:49.820

WILLIAM HEBBLEWHITE

Uh.

00:22:50.740 --> 00:22:55.980

WILLIAM HEBBLEWHITE

So where I put this is basically under the team information tab just called availability.

00:22:57.640 --> 00:23:02.670

WILLIAM HEBBLEWHITE

That should be easy to fill out. Please fill it out by Sunday if you can.

00:23:03.690 --> 00:23:04.290

WILLIAM HEBBLEWHITE

Come.

00:23:06.320 --> 00:23:07.310

WILLIAM HEBBLEWHITE

And I'll just put this.

00:23:07.700 --> 00:23:07.930

HYUN DONG KIM

Yes.

00:23:08.710 --> 00:23:09.390

WILLIAM HEBBLEWHITE

Unavailable.

00:23:11.530 --> 00:23:13.310

WILLIAM HEBBLEWHITE

Cool. Is that OK overnight?

00:23:13.610 --> 00:23:14.540

VINAY RATTA

Yeah. Thank you.

00:23:14.290 --> 00:23:14.520

WILLIAM HEBBLEWHITE

So.

00:23:15.430 --> 00:23:17.060

WILLIAM HEBBLEWHITE

Uh, any other questions?

00:23:23.870 --> 00:23:26.920

WILLIAM HEBBLEWHITE

Alright. If we're all cool, a Chris had something.

00:23:30.980 --> 00:23:33.300

WILLIAM HEBBLEWHITE

That OK, if we're all cool. UM.

00:23:31.670 --> 00:23:32.070

HYUN DONG KIM

No.

00:23:34.220 --> 00:23:41.010

WILLIAM HEBBLEWHITE

Thanks everyone for coming. Nice short meeting is what I like. I have a good meeting. Have a good weekend. Sorry.

00:23:48.600 --> 00:23:52.470

HYUN DONG KIM

Yeah, you mean, can I have a quick chat with you right after the meeting?

00:23:52.990 --> 00:24:00.440

WILLIAM HEBBLEWHITE

Yeah, let's do it now. I'll let you know once. Got anything else to add, everyone can. I'm happy for everyone to leave. And Chris, you can hang around.

00:24:02.430 --> 00:24:03.960

MUZAMMIL RAZA

Cheers. And when I say everybody.



00:24:04.850 --> 00:24:05.320

WILLIAM HEBBLEWHITE

Yeah.

00:24:05.360 --> 00:24:05.690

HYUN DONG KIM

Yeah.

00:24:08.080 --> 00:24:09.550

WILLIAM HEBBLEWHITE

Will stop the recording.