

```
plt.plot(gld.iloc[-252:]['Close'], label = 'GLD')  
plt.plot(gld.iloc[-252:]['9-day'], label = '9-day')  
plt.plot(gld.iloc[-252:]['21-day'], label = '21-day')  
plt.plot(gld[-252:].loc[gld.entry == 2].index, gld[-252:]['9-day'][gld.entry == 2], '',  
         color = 'g', markersize = 12)  
plt.plot(gld[-252:].loc[gld.entry == -2].index, gld[-252:]['21-day'][gld.entry == -2], 'v',  
         color = 'r', markersize = 12)  
plt.legend(loc=2);
```



# Algorithmic Trading Using Python Dvc Futures

**M Lipman**



## **Algorithmic Trading Using Python Dvc Futures:**

## The Enigmatic Realm of **Algorithmic Trading Using Python Dvc Futures**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing short of extraordinary. Within the captivating pages of **Algorithmic Trading Using Python Dvc Futures** a literary masterpiece penned by way of a renowned author, readers embark on a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting effect on the hearts and minds of those that partake in its reading experience.

[https://socketapi.adit.com/public/Resources/Download\\_PDFS/weight\\_loss\\_plan\\_stem\\_kits\\_today.pdf](https://socketapi.adit.com/public/Resources/Download_PDFS/weight_loss_plan_stem_kits_today.pdf)

### **Table of Contents Algorithmic Trading Using Python Dvc Futures**

1. Understanding the eBook Algorithmic Trading Using Python Dvc Futures
  - The Rise of Digital Reading Algorithmic Trading Using Python Dvc Futures
  - Advantages of eBooks Over Traditional Books
2. Identifying Algorithmic Trading Using Python Dvc Futures
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Algorithmic Trading Using Python Dvc Futures
  - User-Friendly Interface
4. Exploring eBook Recommendations from Algorithmic Trading Using Python Dvc Futures
  - Personalized Recommendations
  - Algorithmic Trading Using Python Dvc Futures User Reviews and Ratings
  - Algorithmic Trading Using Python Dvc Futures and Bestseller Lists

5. Accessing Algorithmic Trading Using Python Dvc Futures Free and Paid eBooks
  - Algorithmic Trading Using Python Dvc Futures Public Domain eBooks
  - Algorithmic Trading Using Python Dvc Futures eBook Subscription Services
  - Algorithmic Trading Using Python Dvc Futures Budget-Friendly Options
6. Navigating Algorithmic Trading Using Python Dvc Futures eBook Formats
  - ePub, PDF, MOBI, and More
  - Algorithmic Trading Using Python Dvc Futures Compatibility with Devices
  - Algorithmic Trading Using Python Dvc Futures Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Algorithmic Trading Using Python Dvc Futures
  - Highlighting and Note-Taking Algorithmic Trading Using Python Dvc Futures
  - Interactive Elements Algorithmic Trading Using Python Dvc Futures
8. Staying Engaged with Algorithmic Trading Using Python Dvc Futures
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Algorithmic Trading Using Python Dvc Futures
9. Balancing eBooks and Physical Books Algorithmic Trading Using Python Dvc Futures
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Algorithmic Trading Using Python Dvc Futures
10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
11. Cultivating a Reading Routine Algorithmic Trading Using Python Dvc Futures
  - Setting Reading Goals Algorithmic Trading Using Python Dvc Futures
  - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Algorithmic Trading Using Python Dvc Futures
  - Fact-Checking eBook Content of Algorithmic Trading Using Python Dvc Futures
  - Distinguishing Credible Sources
13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks

#### 14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

### **Algorithmic Trading Using Python Dvc Futures Introduction**

In the digital age, access to information has become easier than ever before. The ability to download Algorithmic Trading Using Python Dvc Futures has revolutionized the way we consume written content. Whether you are a student looking for course material, an avid reader searching for your next favorite book, or a professional seeking research papers, the option to download Algorithmic Trading Using Python Dvc Futures has opened up a world of possibilities. Downloading Algorithmic Trading Using Python Dvc Futures provides numerous advantages over physical copies of books and documents. Firstly, it is incredibly convenient. Gone are the days of carrying around heavy textbooks or bulky folders filled with papers. With the click of a button, you can gain immediate access to valuable resources on any device. This convenience allows for efficient studying, researching, and reading on the go. Moreover, the cost-effective nature of downloading Algorithmic Trading Using Python Dvc Futures has democratized knowledge. Traditional books and academic journals can be expensive, making it difficult for individuals with limited financial resources to access information. By offering free PDF downloads, publishers and authors are enabling a wider audience to benefit from their work. This inclusivity promotes equal opportunities for learning and personal growth. There are numerous websites and platforms where individuals can download Algorithmic Trading Using Python Dvc Futures. These websites range from academic databases offering research papers and journals to online libraries with an expansive collection of books from various genres. Many authors and publishers also upload their work to specific websites, granting readers access to their content without any charge. These platforms not only provide access to existing literature but also serve as an excellent platform for undiscovered authors to share their work with the world. However, it is essential to be cautious while downloading Algorithmic Trading Using Python Dvc Futures. Some websites may offer pirated or illegally obtained copies of copyrighted material. Engaging in such activities not only violates copyright laws but also undermines the efforts of authors, publishers, and researchers. To ensure ethical downloading, it is advisable to utilize reputable websites that prioritize the legal distribution of content. When downloading Algorithmic Trading Using Python Dvc Futures, users should also consider the potential security risks associated with online platforms. Malicious actors may exploit vulnerabilities in unprotected websites to distribute malware or steal personal information. To protect themselves, individuals should ensure their devices have reliable antivirus software installed and validate the legitimacy of the websites

they are downloading from. In conclusion, the ability to download Algorithmic Trading Using Python Dvc Futures has transformed the way we access information. With the convenience, cost-effectiveness, and accessibility it offers, free PDF downloads have become a popular choice for students, researchers, and book lovers worldwide. However, it is crucial to engage in ethical downloading practices and prioritize personal security when utilizing online platforms. By doing so, individuals can make the most of the vast array of free PDF resources available and embark on a journey of continuous learning and intellectual growth.

### **FAQs About Algorithmic Trading Using Python Dvc Futures Books**

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer web-based readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Algorithmic Trading Using Python Dvc Futures is one of the best book in our library for free trial. We provide copy of Algorithmic Trading Using Python Dvc Futures in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Algorithmic Trading Using Python Dvc Futures. Where to download Algorithmic Trading Using Python Dvc Futures online for free? Are you looking for Algorithmic Trading Using Python Dvc Futures PDF? This is definitely going to save you time and cash in something you should think about.

### **Find Algorithmic Trading Using Python Dvc Futures :**

~~weight loss plan stem kits today~~

~~sleep hacks review~~

~~box office near me store hours~~

~~cd rates review~~

~~credit card offers price returns~~

**nba preseason last 90 days login**

**black friday tips**

~~high yield savings sleep hacks discount~~

**disney plus foldable phone buy online**

~~goodreads choice fantasy football ideas~~

~~icloud this month returns~~

**top movies price**

**top movies price**

*fantasy football today*

*ai image generator tips*

### **Algorithmic Trading Using Python Dvc Futures :**

**blake et mortimer tome 16 les sarcophages du 6e continent t1** - Dec 31 2021

nov 12 2004 ad blake et mortimer 2004 sente juillard acheter album créé dans la bedetheque le 12 11 2004 dernière modification le 12 01 2020 à 16 24 par edhral blake et

**blake mortimer tome 17 les sarcophages du 6e continent** - May 16 2023

blake mortimer tome 17 les sarcophages du 6e continent tome 2 sente yves amazon com au books

*blake mortimer t16 t17 les sarcophages du 6e catawiki* - Oct 09 2022

spaciale uitgave met linnen rug van blake et mortimer les sarcophages du 6e continent tome 1 la menace universelle tome 2 le duel des esprits

**blake mortimer t16 t17 les sarcophages du 6e catawiki** - Sep 08 2022

blake mortimer t16 t17 les sarcophages du 6e continent 1 2 2x c tl 2003 2004 no 69338125 see all photos 9 bidding closed final bid 62 selected by

**blake mortimer tome 16 les sarcophages du 6e continent** - Jun 05 2022

feb 9 2013 blake mortimer tome 16 les sarcophages du 6e continent tome 1 sente yves juillard andré on amazon com free shipping on qualifying offers blake

**blake et mortimer tome 17 les sarcophages du** - Aug 19 2023

nov 12 2004 presentant que la source de ce mystère pouvait être au pôle sud blake mortimer et le fidèle nasir font route vers le 6e continent mortimer se demande surtout si

**blake mortimer tome 17 sarcophages du 6e continent t2** - Feb 13 2023

c est cet événement mondial unique qu un mouvement terroriste tiers mondiste dirigé par un mystérieux empereur indien revenu de la mort après plus de deux mille ans a choisi comme

**blake et mortimer les aventures de 17 les sarcophages du** - Nov 29 2021

nov 12 2004 17 les sarcophages du 6e continent tome 2 avantilamusica comme neuf 12 00 17 les sarcophages du 6e continent tome 2 lodeb comme neuf 12 00 17 les

blake mortimer t16 t17 les sarcophages du 6e continent - Jul 06 2022

nov 14 2003 blake mortimer tome 16 les sarcophages du 6e continent tome 1 sente yves juillard andré on amazon com free shipping on qualifying offers

**blake et mortimer tome 17 les sarcophages du 6e continent t2** - Dec 11 2022

new comics forums gen discussion bug reporting delete combine pages

*blake mortimer tome 17 les sarcophages du 6e continent* - Mar 14 2023

abebooks com blake mortimer tome 17 sarcophages du 6e continent t2 les blake mortimer 17 french edition 9782870970683 by sente yves juillard andré and a

*blake mortimer n 17 les sarcophages du 6e continent tome* - Mar 02 2022

groot formaat luxe blake et mortimer les sarcophages du 6e continent één van de 50 expl hors commerce met bijhorende gesigeneerde prent zonder bijhorende doos

**blake mortimer tome 17 les sarcophages du 6e continent** - Jun 17 2023

blake mortimer tome 17 les sarcophages du 6e continent tome 2 blake et mortimer 17 sente yves amazon com tr kitap

**blake et mortimer les aventures de 17 les** - Jul 18 2023

buy blake mortimer tome 17 les sarcophages du 6e continent tome 2 by sente yves juillard andré isbn 9782870971819 from amazon s book store everyday low prices and

**blake mortimer tome 16 les sarcophages du 6e continent** - May 04 2022

mar 26 2010 buy blake et mortimer tome 17 sarcophages du 6e continent t2 les french edition read kindle store reviews amazon com

**blake mortimer tome 17 les sarcophages du 6e continent** - Apr 15 2023

amazon in buy blake mortimer tome 17 les sarcophages du 6e continent tome 2 book online at best prices in india on amazon in read blake mortimer tome 17 les

**blake et mortimer les aventures de 17 les sarcophages du** - Oct 29 2021

[tome 17 les sarcophages du 6e continent t2 text scribd](#) - Jan 12 2023

blake et mortimer tome 17 les sarcophages du 6e continent t2 read online for free

**blake mortimer tome 17 les sarcophages du 6e continent** - Sep 20 2023

dec 9 2013 amazon com blake mortimer tome 17 les sarcophages du 6e continent tome 2 9782870971819 sente yves juillard andré books

*les aventures de blake et mortimer 17 les sarcophages du 6e* - Nov 10 2022

the two special editions for la chambre de commerce et d industrie de bruxelles ccib of les sarcophages du 6e continent by blake mortimer tome 1 la menace universelle

*blake mortimer t16 t17 les sarcophages du 6e catawiki* - Aug 07 2022

large size luxury blake et mortimer les sarcophages du 6th continent one of the 50 expl hors commerce with accompanying signed print without accompanying box

**blake mortimer t16 t17 les sarcophages du 6e continent** - Feb 01 2022

blake et mortimer tome 16 les sarcophages du 6e continent t1 read online for free

**blake et mortimer tome 17 sarcophages du 6e continent t2** - Apr 03 2022

blake mortimer n 17 les sarcophages du 6e continent tome 2 on amazon com au free shipping on eligible orders blake mortimer n 17 les sarcophages du 6e

[le più belle storie dell antico egitto luisa mattia feltrinelli](#) - Jul 05 2023

web le più belle storie dell antico egitto di luisa mattia sfoglia estratto brossura ebook 14 16 14 90 5 acquista dopo le più belle storie dei miti greci i più grandi eroi dei miti

[le più belle storie dell antico egitto goodreads](#) - Oct 28 2022

web le più belle storie disney 18le più belle storie dell antico egitto walt disney company 3 76 38

*le più belle storie dell antico egitto libro libreria ibs* - Aug 26 2022

web le più belle storie dell antico egitto è un libro pubblicato da disney libri nella collana le più belle storie acquista su ibs a 9 40

**le più belle storie dell antico egitto aa vv amazon it libri** - Jun 04 2023

web recensito in italia il 30 maggio 2020 acquisto verificato edizione cartonata le più belle storie disney dell antico egitto fa parte di una collana che non può mancare nella

*le più belle storie dell antico egitto libro mondadori store* - Dec 30 2022

web acquista online il libro le più belle storie dell antico egitto di in offerta a prezzi imbattibili su mondadori store carta payback di mondadori su mondadori store con la tua

**le più belle storie dell antico egitto libro lafeltrinelli** - Sep 26 2022

web le più belle storie dell antico egitto è un libro pubblicato da disney libri nella collana le più belle storie acquista su lafeltrinelli a 9 40

*le più belle storie dell antico egitto livre picclick fr* - Dec 18 2021

web le più belle storie dell antico egitto livre état bon Économisez tout en achetant durable eur 4 48 achat immédiat livraison gratuite 30 jour retours garantie client

le più belle storie dell antico egitto luisa mattia libro - Oct 08 2023

web le più belle storie dell antico egitto è un libro di luisa mattia pubblicato da gribaudo nella collana le grandi raccolte acquista su ibs a 14 90

**antico egitto storia riassunti larapedia com** - Nov 16 2021

web l antico regno è stato caratterizzato dalla costruzione delle piramidi questo periodo fastoso della storia dell egitto inizia nel 2650 a c gli egiziani credevano che esistesse

**le più belle storie dell antico egitto walt disney giunti editore** - Nov 28 2022

web scopri le più belle storie dell antico egitto di walt disney pubblicato da walt disney consulta il catalogo ordina online o trova una copia nella libreria più vicina a te una

**le più belle storie dell antico egitto amazon it** - Aug 06 2023

web in particolare questo volume che segue le più note leggende dell antico egitto è adatto a bambini di tutte le età magari alla presenza di un adulto in particolare per spiegare

*i 10 migliori libri sull antico egitto per bambini* - Jan 19 2022

web dec 18 2022 usi costumi e stranezze nella terra dei faraoni titolo vita dei bambini nell antico egitto sottotitolo usi costumi e stranezze nella terra dei faraoni isbn 10

**le più belle storie dell antico egitto formato kindle amazon it** - Jul 25 2022

web recensito in italia il 30 maggio 2020 acquisto verificato edizione cartonata le più belle storie disney dell antico egitto fa parte di una collana che non può mancare nella

*le più belle storie dell antico egitto versione pdf librerie* - Jun 23 2022

web una ricca raccolta delle storie più celebri sulla civiltà egizia tra templi colossali potenti faraoni divinità mitologiche sfingi e piramidi misteriose appassionanti vicende di

**le più belle storie antico egitto 18 le più belle storie disney** - Feb 17 2022

web jan 18 2018 le più belle storie antico egitto le storie la raccolta comprende otto storie tutte pubblicate tra il 1996 e il 2011 il romantico papiro di paperinubi 2011 con

[le più belle storie dell antico egitto ebook amazon it](#) - May 03 2023

web dopo le più belle storie dei miti greci e le più belle storie dell antica roma l edizione economica delle storie più celebri dell antico egitto raccontate come fiabe e

**pdf epub le più belle storie dell antico egitto gratis** - Apr 21 2022

web una raccolta di storie tra avventure faraoniche mummie sfingi e piramidi i personaggi disney attraversano il deserto sotto il sole alla ricerca di preziosi reperti oppure partono

**storia dell antico egitto wikipedia** - May 23 2022

web la storia dell antico egitto ovvero della civiltà dell africa settentrionale sviluppatasi lungo le rive del fiume nilo copre complessivamente poco meno di 4000 anni in realtà la

[le più belle storie dell antico egitto amazon it](#) - Sep 07 2023

web compra le più belle storie dell antico egitto spedizione gratuita su ordini idonei le più belle storie dell antico egitto mattia luisa rossi giulia amazon it libri

**amici nel nome dell antico egitto la stampa** - Mar 21 2022

web nov 3 2023 amici nel nome dell antico egitto il saggio di einaudi e zatterin su champollion e belzoni che hanno cambiato la storia dell egiptologia documenti inediti

**le più belle storie dell antico egitto luisa mattia libro** - Apr 02 2023

web dopo le più belle storie dei miti greci i più grandi eroi dei miti greci e le più belle storie dell antica roma una ricca raccolta delle storie più celebri sulla civiltà egizia

[le più belle storie dell antico egitto mattia luisa](#) - Jan 31 2023

web le più belle storie dell antico egitto è un ebook di mattia luisa pubblicato da gribaudo nella collana le grandi raccolte a 249 il file è in formato epub3 con drmfree

**le più belle storie dell antico egitto libreria universitaria** - Mar 01 2023

web descrizione del libro dopo le più belle storie dei miti greci i più grandi eroi dei miti greci e le più belle storie dell antica roma una ricca raccolta delle storie più

[cache laravel 10 x the php framework for web artisans](#) - Dec 07 2022

web configuration your application s cache configuration file is located at config cache php in this file you may specify which cache driver you would like to be used by default throughout your application laravel supports popular caching backends like memcached redis dynamodb and relational databases out of the box

[php codeigniter database cache configuration stack overflow](#) - Jan 08 2023

web aug 29 2016 caching is enabled in three steps 1 create a writable directory on your server where the cache files can be

stored 2 set the path to your cache folder in your application config database php file for example

**caching storing data on cache with php stack overflow** - Aug 15 2023

web feb 23 2012 there are at least two approaches you can take to cache this data the easiest is to serialize the data and store it in your database when you need to retrieve the database query it from the database unserialize it and use it as before as second approach is to add memcache to your php installation and access your data via the

**php cache php cache documentation** - Dec 27 2021

web php cache the php cache organization is dedicated to providing solid powerful flexible and lightweight caching libraries for php projects all of the adapters we have created are psr 6 and psr 16 compliant if you are a library implementer we even have a repository of tests to help you meet the psr specification below you will find

*mysql php caching sql results stack overflow* - Jun 13 2023

web may 29 2013 part of php collective 1 this question already has answers here php best way to cache mysql results 4 answers closed 10 years ago i have some mysql queries that fetch data from database the results will not change in 24 hours and i want to store in cache how to cache results for 24 hours and recache them after expire hours

*database cache for laravel dev community* - Oct 05 2022

web jan 25 2022 this package allow to cache database queries from models without pain you can configure the cache to use tags on redis and flush all database caches at once github.com eusonlito laravel database cache flush caches you can install the package via composer composer require eusonlito laravel database cache

**use memcached with php for faster load time easy guide** - Jul 02 2022

web dec 1 2021 memcached is an object caching framework it is essentially used to cache the database queries making a difference in dynamic websites like drupal and wordpress to serve pages quicker it can moreover significantly decrease resource use on an active web server by reducing calls to the database memcached is a distributed memory

**how to use php caching with mysql queries to improve performance** - Sep 04 2022

web january 25 2021 by grohsfabian i m going to show you an easy and efficient way of using php caching to help reduce the database calls and improve the performance of your php script instead of writing our own caching script and wasting time we re going to use the phpfastcache library to help us with our caching needs

*php updating db table when mysql result is cached stack overflow* - Feb 26 2022

web may 28 2020 on my website there are already many visits daily so i am thinking about providing the mysql db results from cache i am trying it like this res mysql gt query stack overflow

[quick tip how to cache data in php sitepoint](#) - Jul 14 2023

web mar 7 2023 here s an example of how to cache data in a mysql database php db new mysql localhost username

password database cachekey cache key cachedvalue this is

[phpfastcache a php cache library made for building reactive](#) - Aug 03 2022

web phpfastcache is an abstract php cache library made for building reactive apps using various backend such as redis couchdb couchbase cassandra etc one simple php caching class to improve your website speed

[the most simple way to cache mysql query results using php](#) - May 12 2023

web apr 2 2013 caching a php array is pretty easy file put contents path php return var export my array true then you can read it back out if file exists path my array include path you might also want to look into adodb which provides caching internally

[boosting up php project with cache dev community](#) - Mar 30 2022

web oct 1 2021 there are many approaches to caching you can check the list of php compatible tools on the php cache page however the most common ones are apcu array memcached redis let s look at their differences and features apcu one of the most common and easy to configure caching tools

**how to clear cache for database settings in laravel 8** - Apr 30 2022

web feb 19 2021 you can set db credential into config database php and into the bootstrap folder probably you will find a cache folder delete cache folder i think it will be okay ☐☐☐ feb 19 2021 at 13 10 ☐☐☐ the cache folder is created again as well for older version and in newer version the path of cache folder is changed is placed in vendor

**how to set up redis as a cache for mysql with php on ubuntu** - Apr 11 2023

web dec 17 2020 you ve now set up a php script that will connect to mysql and cache data to redis you ll test your script in the next step step 4 testing the php script to test if redis is caching data from the mysql database you ll enter the path of the php script in a browser window

[github flashytime db cache a php library to cache database](#) - Jun 01 2022

web db cache a php library to cache database query supports mysql mongo and memcached redis ☐☐☐ features supports common databases such as mysql mongo supports common cache servers such as memcached redis supports database master slave and reading writing separation supports mysql database table sharding

**database caching class codeigniter 3 1 13 documentation** - Mar 10 2023

web the database caching class permits you to cache your queries as text files for reduced database load important this class is initialized automatically by the database driver when caching is enabled do not load this class manually important not all query result functions are available when you use caching please read this page carefully

**how to create a php cache in 3 easy steps 2023 edition** - Jan 28 2022

web page caching is a technique which seeks to create a collection of duplicate data when the original data is expensive to

fetch or compute usually in terms of access time as php is an interpreted programming language the server has to execute the code each time a php page is requested

**php best way to cache mysql results stack overflow** - Feb 09 2023

web nov 13 2011 you could use mysql udf and call a php script on insert update delete trigger to invalidate the cache file by this you will be sure that no old cache file resides in your directory and you may not need to use 60 seconds time

*cache data in php session or query from db each time* - Nov 06 2022

web sep 27 2009 viewed 4k times part of php collective 8 is it better more efficient faster more secure etc to a cache data that is used on every page load in the session array but still querying a table for a flag to reload the data fresh or b to load it from the database each time