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Your Path to Becoming a Data Developer

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Senior Data Engineer @ Aimpoint Digital Tableau Visionary & DataDev Ambassador

#Data23

Forward Looking Statements

This presentation contains forward-looking statements about, among other things, trend analyses and future events, future financial performance, anticipated growth, industry prospects, environmental, social and governance goals, and the anticipated benefits of acquired companies. The achievement or success of the matters covered by such forward-looking statements involves risks, uncertainties and assumptions. If any such risks or uncertainties materialize or if any of the assumptions prove incorrect, Salesforce's results could differ materially from the results expressed or implied by these forward-looking statements. The risks and uncertainties referred to above include those factors discussed in Salesforce's reports filed from time to time with the Securities and Exchange Commission, including, but not limited to: impact of, and actions we may take in response to, the COVID-19 pandemic, related public health measures and resulting economic downturn and market volatility; our ability to maintain security levels and service performance meeting the expectations of our customers, and the resources and costs required to avoid unanticipated downtime and prevent, detect and remediate performance degradation and security breaches; the expenses associated with our data centers and third-party infrastructure providers; our ability to secure additional data center capacity; our reliance on third-party hardware, software and platform providers; the effect of evolving domestic and foreign government regulations, including those related to the provision of services on the Internet, those related to accessing the Internet, and those addressing data privacy, cross-border data transfers and import and export controls; current and potential litigation involving us or our industry, including litigation involving acquired entities such as Tableau Software, Inc. and Slack Technologies, Inc., and the resolution or settlement thereof; regulatory developments and regulatory investigations involving us or affecting our industry; our ability to successfully introduce new services and product features, including any efforts to expand our services; the success of our strategy of acquiring or making investments in complementary businesses, joint ventures, services, technologies and intellectual property rights; our ability to complete, on a timely basis or at all, announced transactions; our ability to realize the benefits from acquisitions, strategic partnerships, joint ventures and investments, including our July 2021 acquisition of Slack Technologies, Inc., and successfully integrate acquired businesses and technologies; our ability to compete in the markets in which we participate; the success of our business strategy and our plan to build our business, including our strategy to be a leading provider of enterprise cloud computing applications and platforms; our ability to execute our business plans; our ability to continue to grow unearned revenue and remaining performance obligation; the pace of change and innovation in enterprise cloud computing services; the seasonal nature of our sales cycles; our ability to limit customer attrition and costs related to those efforts; the success of our international expansion strategy; the demands on our personnel and infrastructure resulting from significant growth in our customer base and operations, including as a result of acquisitions; our ability to preserve our workplace culture, including as a result of our decisions regarding our current and future office environments or work-from-home policies; our dependency on the development and maintenance of the infrastructure of the Internet; our real estate and office facilities strategy and related costs and uncertainties; fluctuations in, and our ability to predict, our operating results and cash flows; the variability in our results arising from the accounting for term license revenue products; the performance and fair value of our investments in complementary businesses through our strategic investment portfolio; the impact of future gains or losses from our strategic investment portfolio, including gains or losses from overall market conditions that may affect the publicly traded companies within our strategic investment portfolio; our ability to protect our intellectual property rights; our ability to develop our brands; the impact of foreign currency exchange rate and interest rate fluctuations on our results; the valuation of our deferred tax assets and the release of related valuation allowances; the potential availability of additional tax assets in the future; the impact of new accounting pronouncements and tax laws; uncertainties affecting our ability to estimate our tax rate; uncertainties regarding our tax obligations in connection with potential jurisdictional transfers of intellectual property, including the tax rate, the timing of the transfer and the value of such transferred intellectual property; uncertainties regarding the effect of general economic and market conditions; the impact of geopolitical events; uncertainties regarding the impact of expensing stock options and other equity awards; the sufficiency of our capital resources; the ability to execute our Share Repurchase Program; our ability to comply with our debt covenants and lease obligations; the impact of climate change, natural disasters and actual or threatened public health emergencies; and our ability to achieve our aspirations, goals and projections related to our environmental, social and governance initiatives.



Hi, my name is Anya





- Background in Economics, Art History, and Photojournalism
- Started using Tableau Developer tools in March 2020
- Tableau DataDev Ambassador since 2020
 & Tableau Visionary since 2021

How did I get here?

Why did I get interested in Developer tools?

- Explore new things
- Automate manual processes
- Solve puzzles

What else have I learnt along the way?

- How to build custom tools in Tableau
- Basics of JavaScript and web development
- Automation using APIs and Python
- How to explain complex technical concepts to different audiences







How can you get there?



1. Join the Tableau Developer Program

Automate





Web Data Connector **Connector SDK** Hyper API

Embedding API Dashboard Extensions API Analytics Extensions API **Python Integration R** Integration Matlab Integration

Advanced

Analytics

|--|

Embedding API **REST API** Mobile App Bootstrap **REST API**

Tableau Developer Program

DATAdev

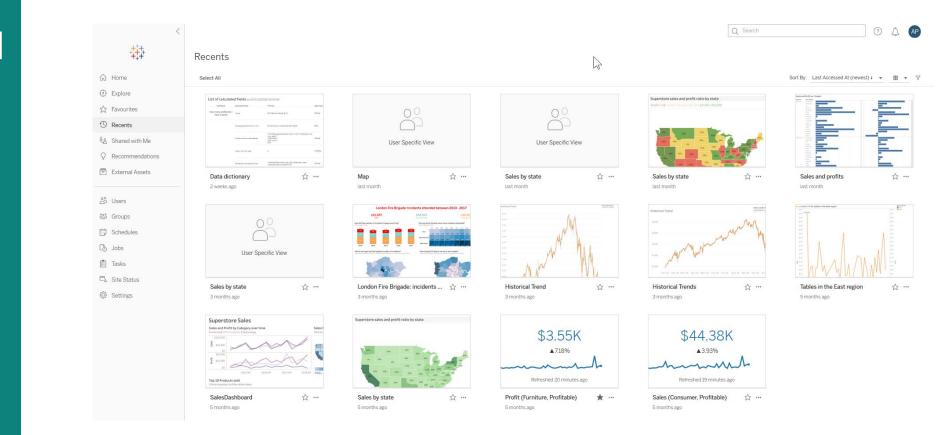
- Free development site
- Early API access
- Community/Hackathons
- Dedicated developer advocates
- Exclusive invites to spring demos



www.tableau.com/developer

Tableau Server Client **Tableau Services Manager** Document API Webhooks Metadata API

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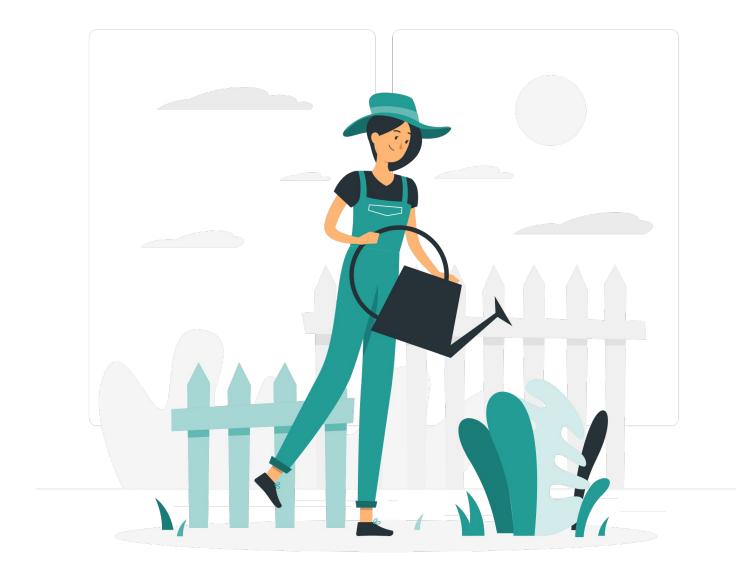


Personal Tableau Cloud Sandbox & Slack Community



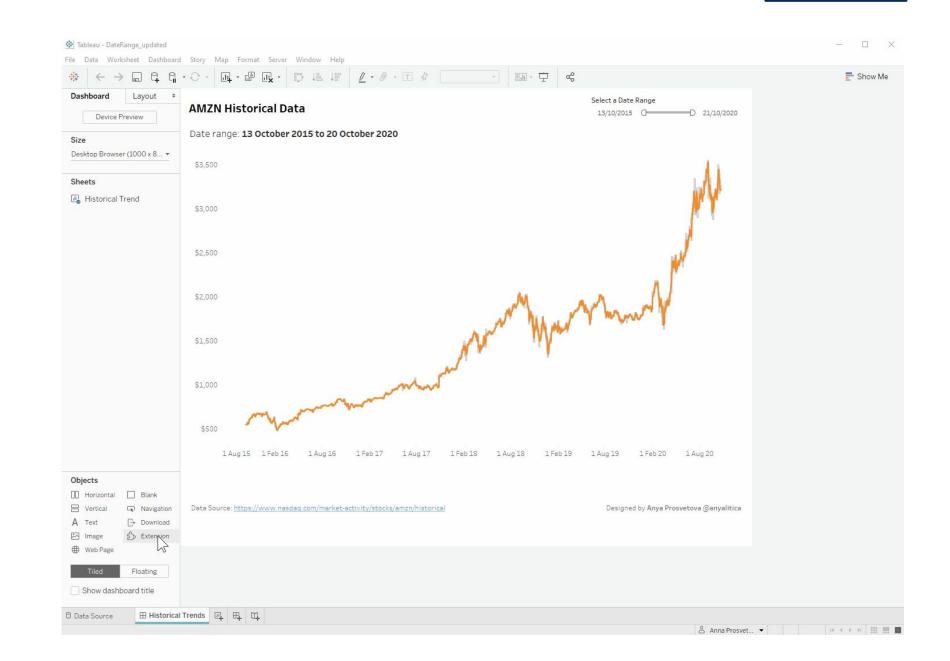
2. Don't overthink, start small





My First Tableau Dashboard Extension



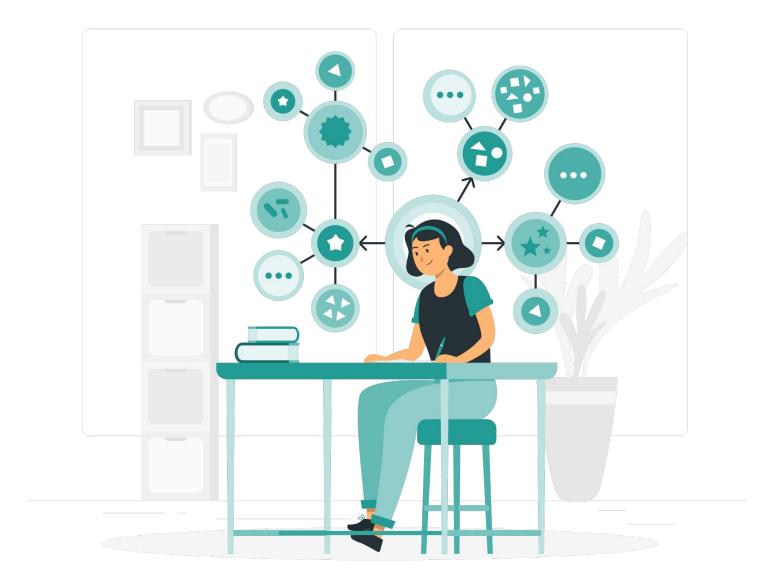


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3. Focus on one tool at a time

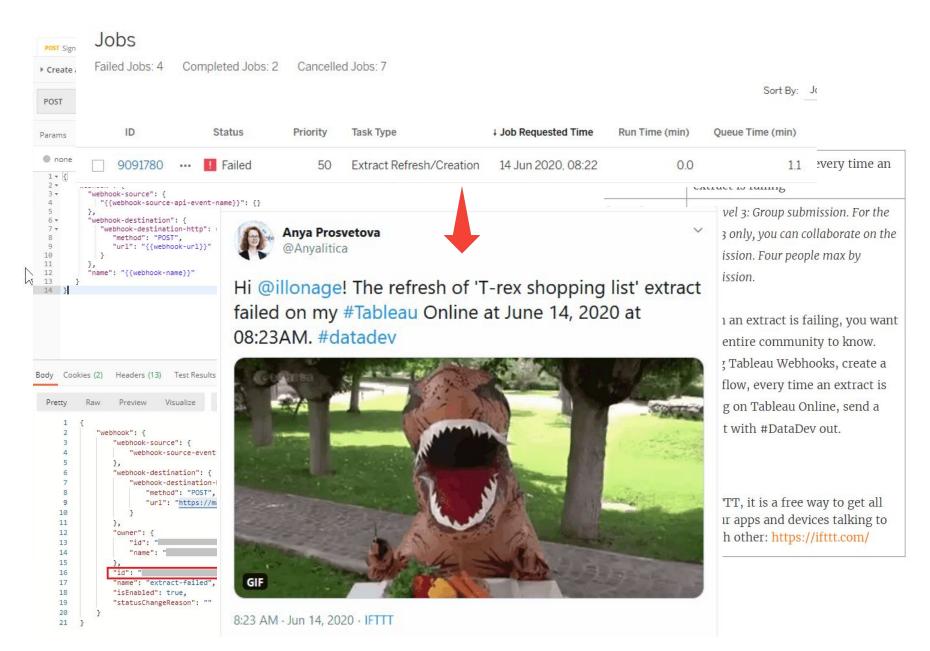






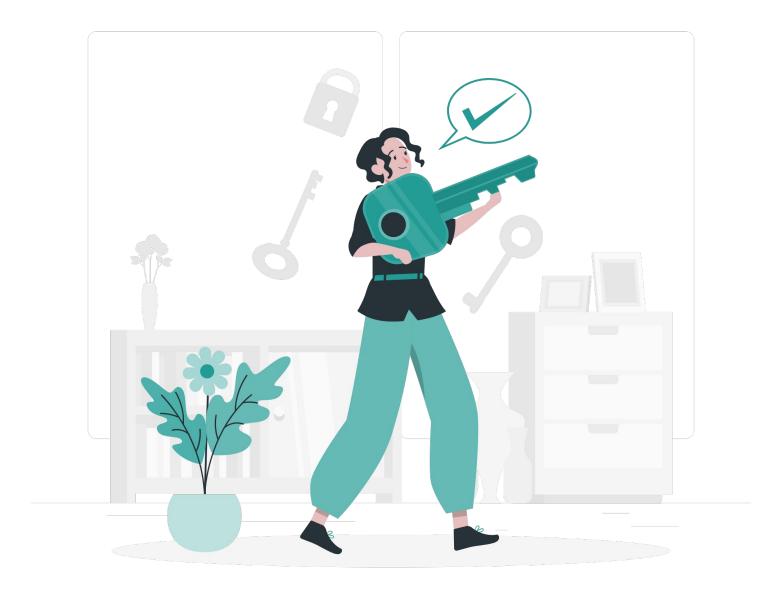
Participation in #DataDev Bingo Challenges





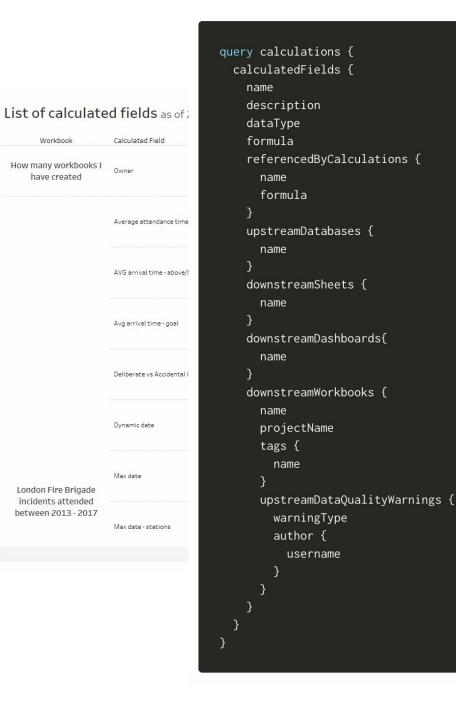
4. Try to solve a practical challenge

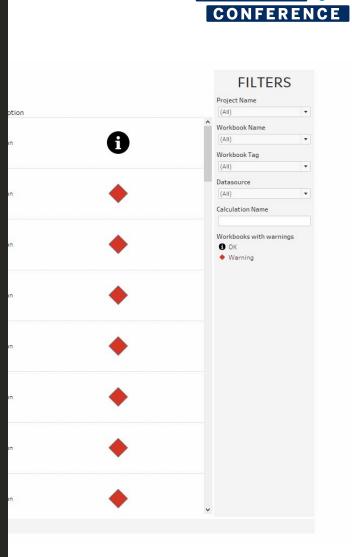




Data Dictionary with the Metadata API







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5. Conquer your impostor syndrome





Being **Intimidated Inspired by** the Community VIZSIMPLY HOME BLOG COURSES

How to Add an the Airbnb Date Range Picker to your Tableau Dashboard



O Likes O Share

Step-by-step Guide to Creating a Responsive KPI Dashboard with the Tableau JavaScript



JS API, React, Tableau, Date Picker

If you have been looking for a step-by-step guide to a responsive Grid Layout leveraging the best of Tableau and React, then this is the tutorial for you. The Tableau JS API is simply too good to ignore and this only begins to scratch the surface of what's possible. Stoke your curiosity with this post and you're sure





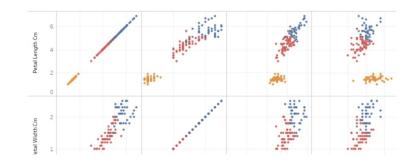
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Interactive Simulation with Tableau and Jupytab

Quickly create and deploy simulation tools and dashboards, by connecting directly Tableau to your Python Jupyter notebooks, and spend your time on the data, not on building visualizations





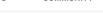
Devyx @devvx 993 subscribers 76 videos Tutorials covering topics in data and analytics. The main foc

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HOME

VIDEOS

PLAYLISTS COMMUNITY



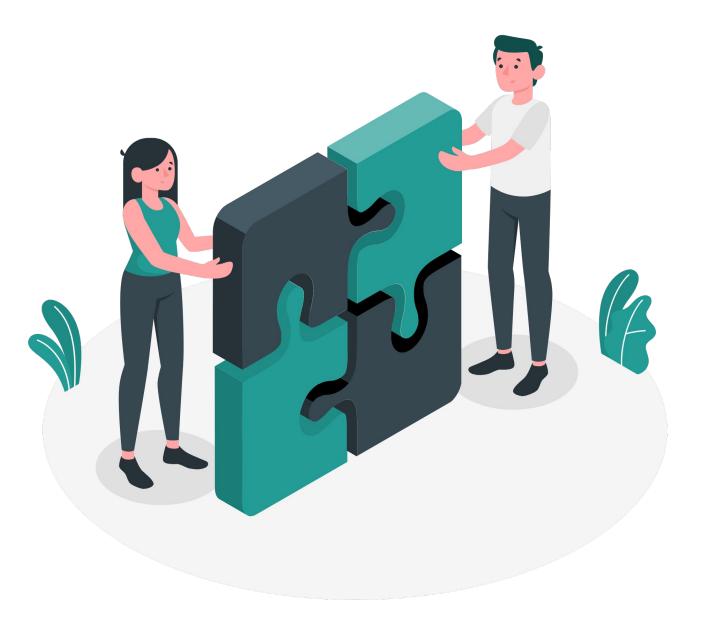
Building a Tableau 1.6K views • 2 years ago

> tableau 💷 user groups

Coders Initiative User Group

6. Contribute to the community





Blogs, Webinars & More

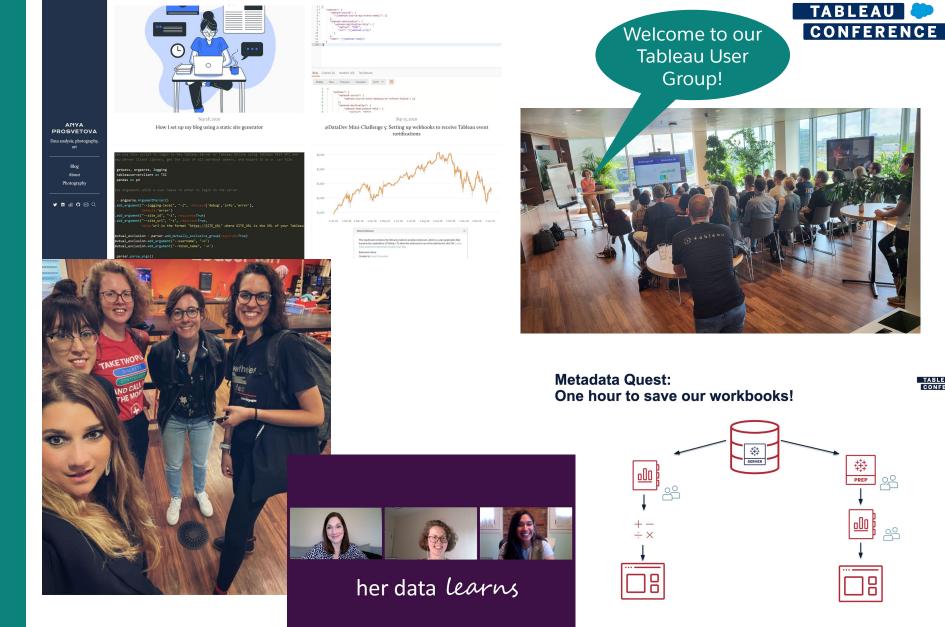
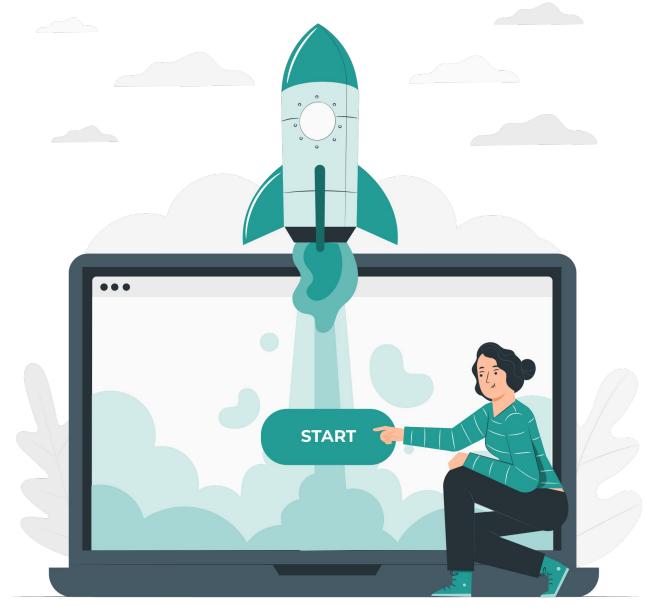


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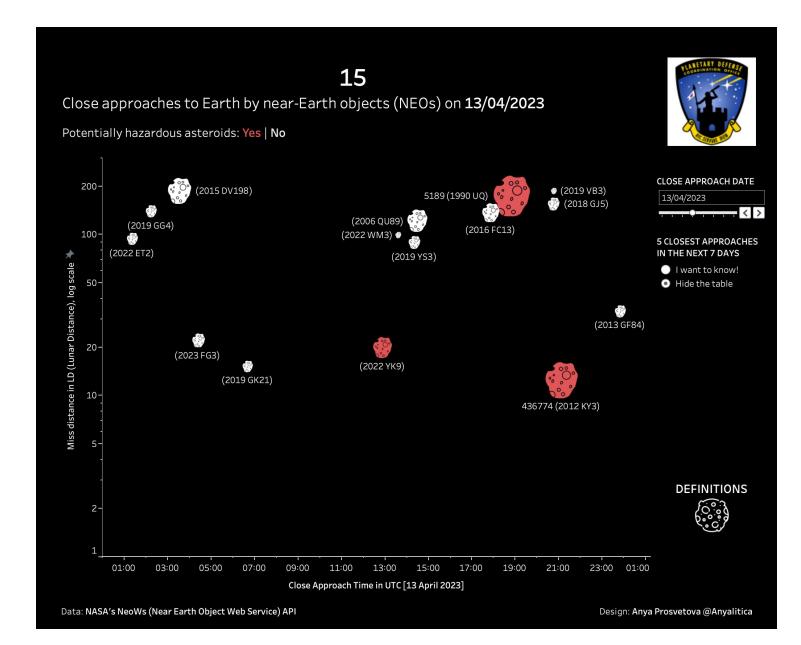
7. Don't forget to have fun!





Asteroids Tracker in Tableau









Useful resources



Join Tableau Developer Program www.tableau.com/developer



Read Tableau documentation github.com/tableau



Browse Tableau DataDev resources www.prosvetova.com/data-dev-resources



Build #DataDev Bingo projects tableau.com/developer/mini-challenges



Watch tutorials by Tableau DataDevs and the community Search for 'Tableau datadev' on YouTube



Thank you



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