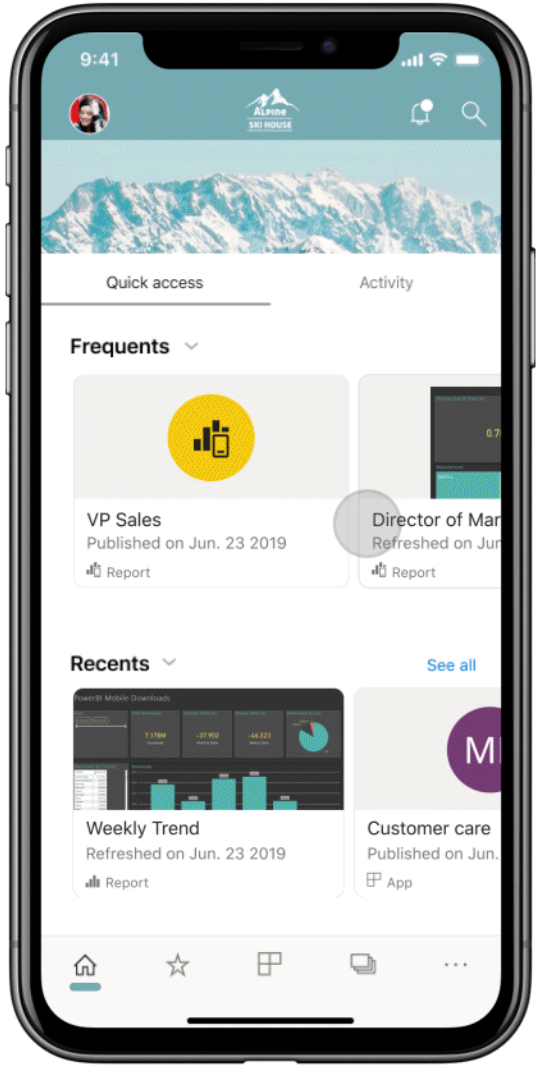

Responsiveness & mobile ready reporting

with Power BI

Thanks to our sponsors

Power ON

RADACAD

Microsoft

In this session…

- Power BI mobile user interface
- Responsiveness
- How to build a stunning Power BI mobile report
- Other cool features

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Power BI Mobile Interface

What does the interface look like, and how does it work?

Power BI Mobile

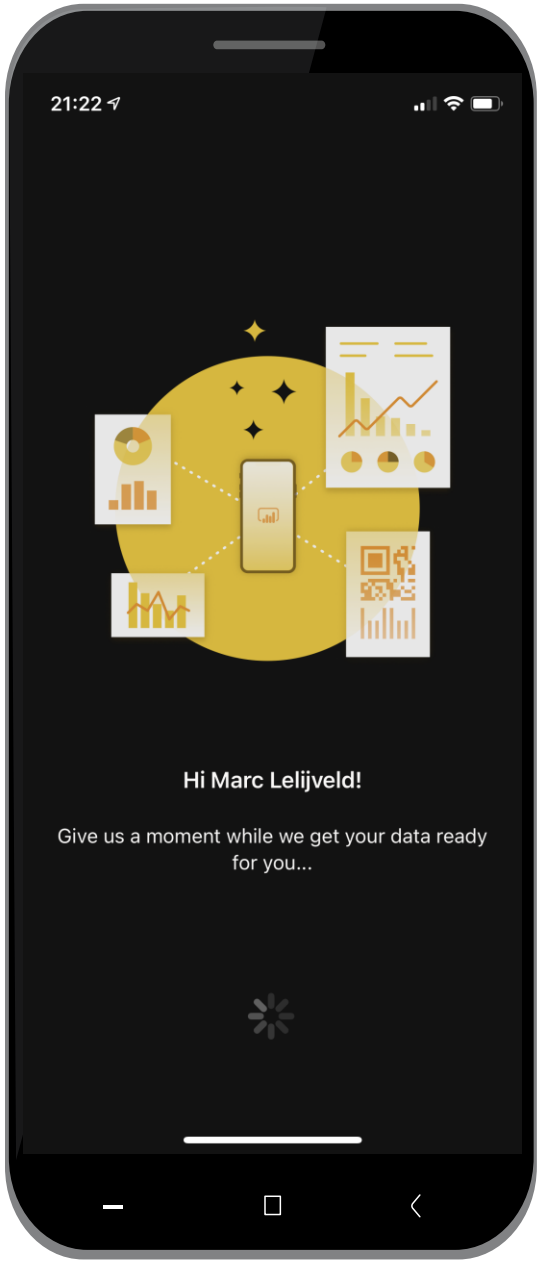
iOS
iPhone, iPad & Apple Watch

Android
Smartphones & Tablets

Windows 10
Desktop, Tablet, Hololens, Surface Hub

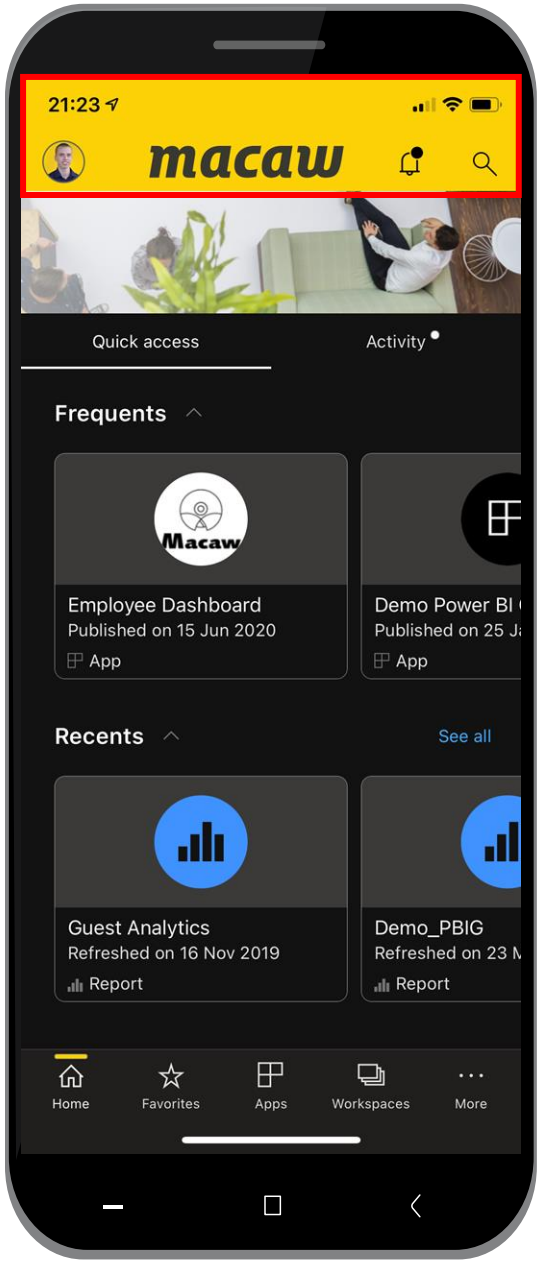
Getting ready…

- Download the app on the platform of your preference
- Connect your organizational account



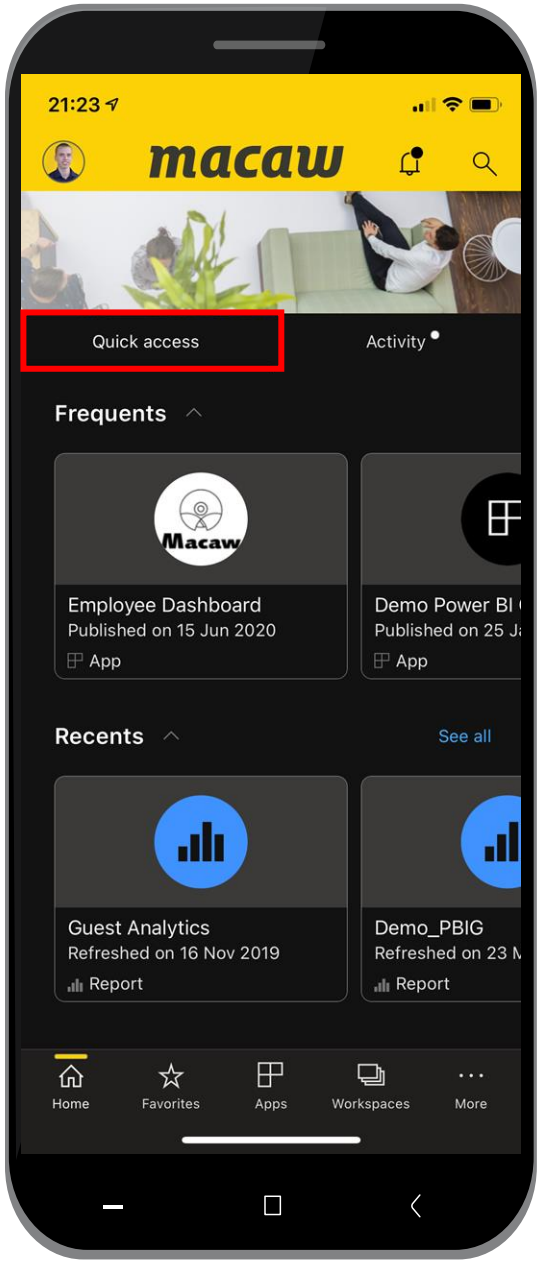
Full experience - layout

- Full home experience
- Corporate identity applied



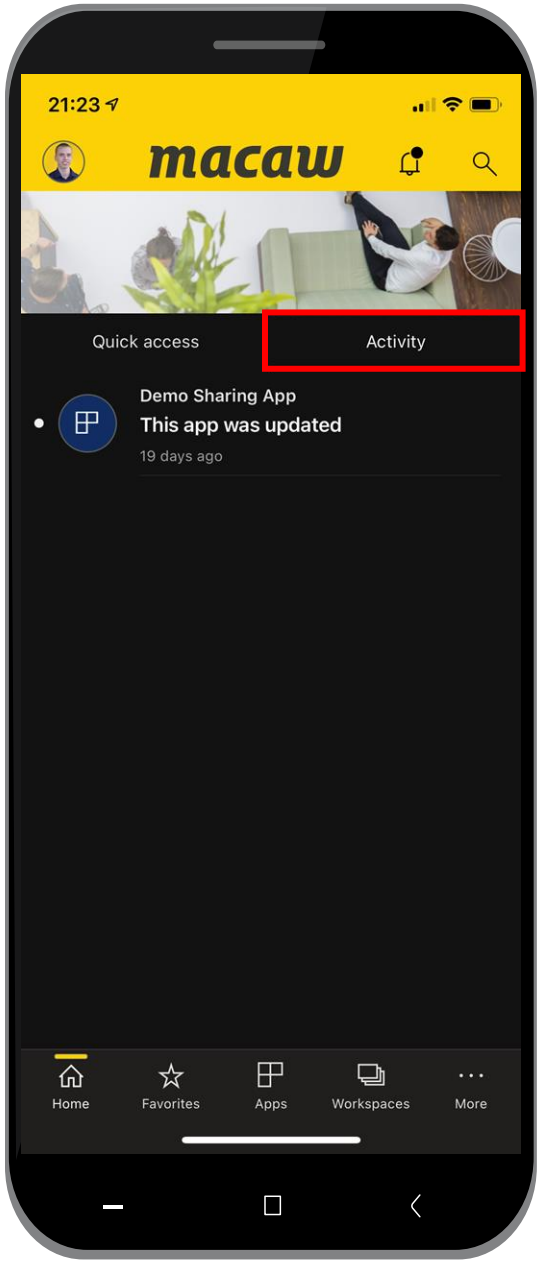
Full experience – Quick access

- Frequently used content
- Recently used content



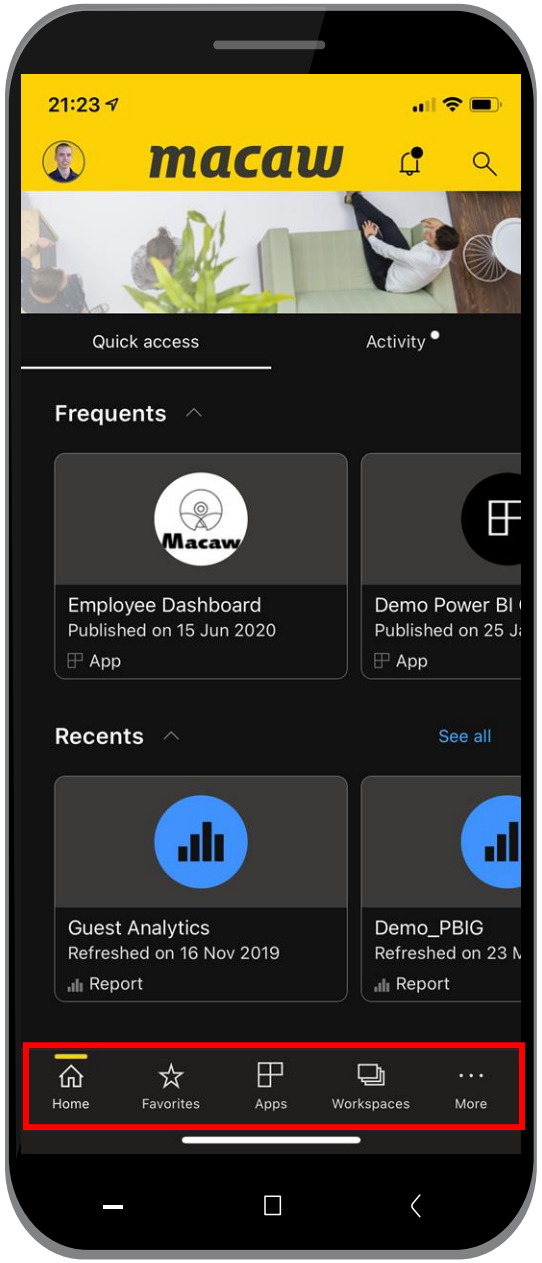
Full experience – Activity

- Data alerts
- Conversations
- Dataset refreshes
- App updates



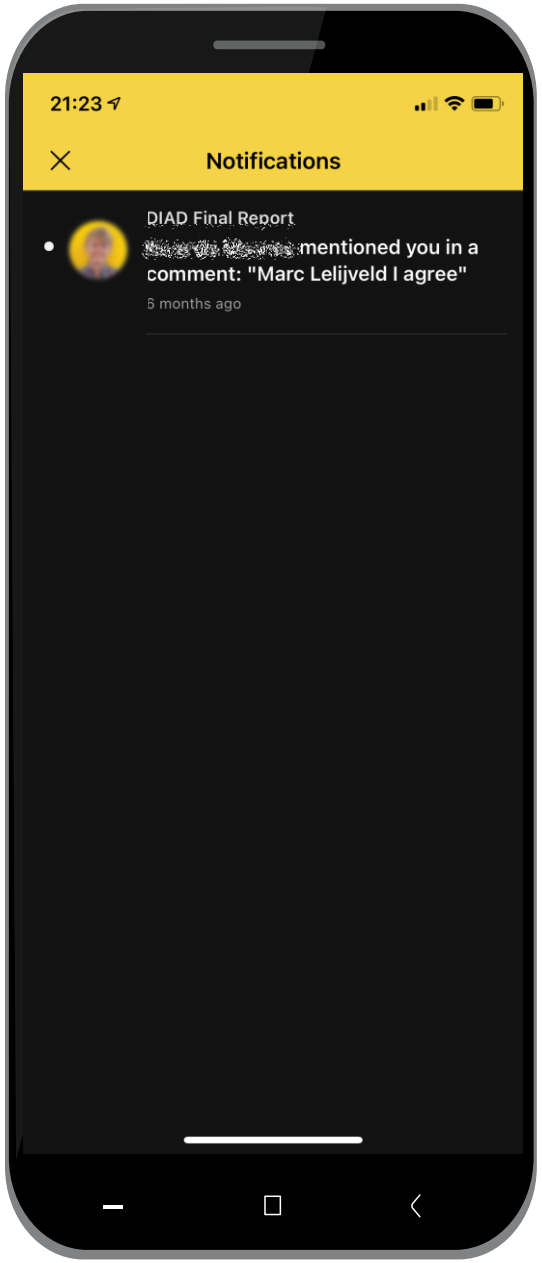
Full experience – Menu bar

- Home
- Favorites
- Apps
- Workspaces
- Shared with me
- Recents



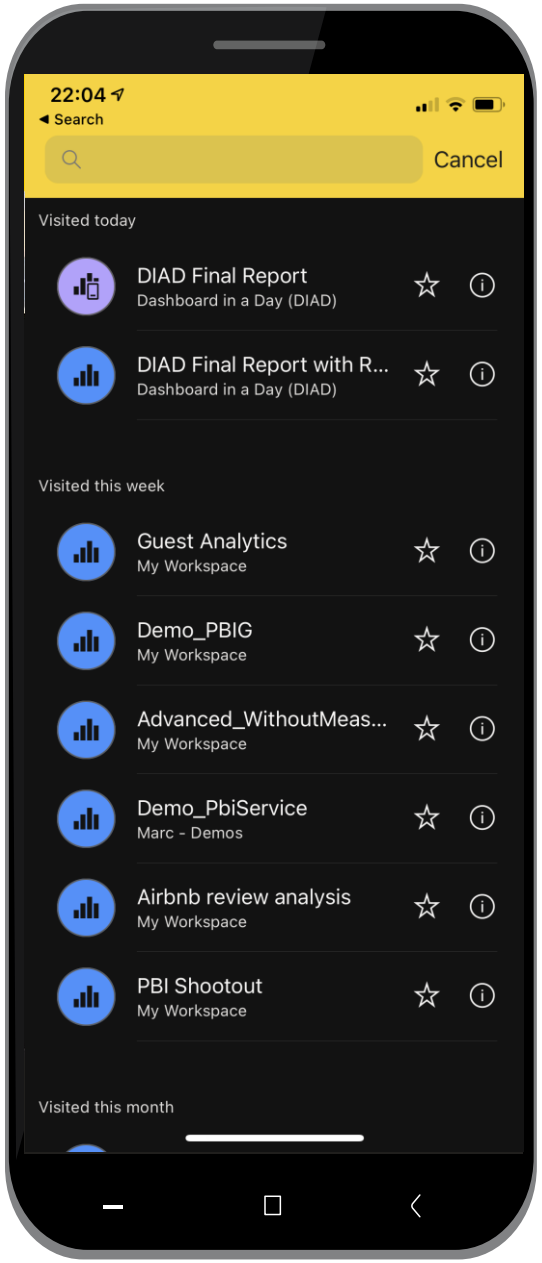
Full experience – Notifications

- New messages
- Conversations
- Data Alerts
- Errors



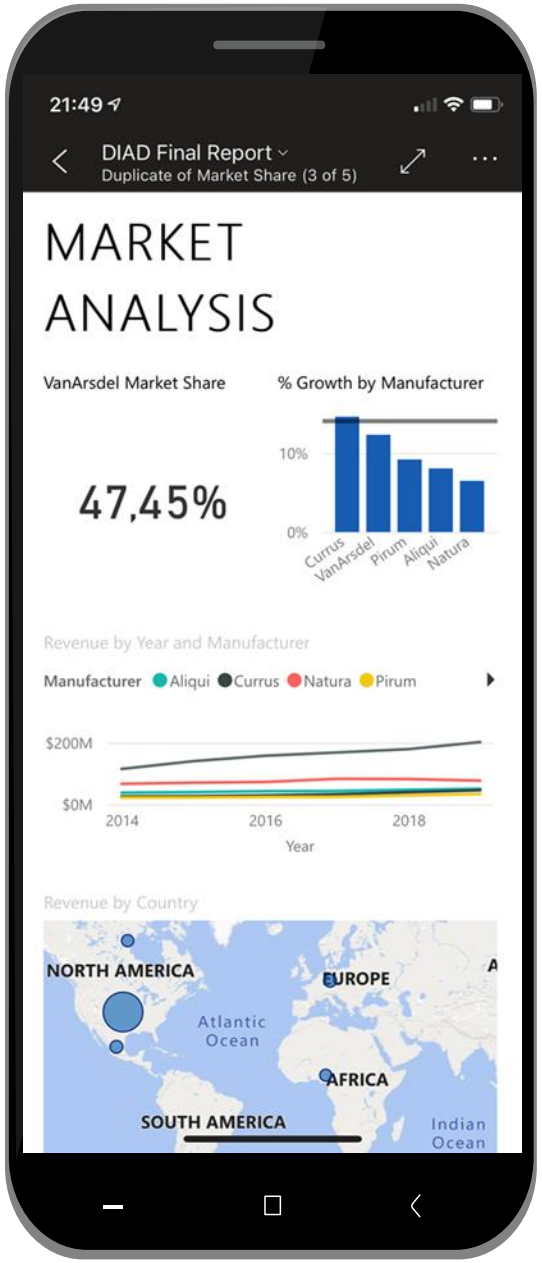
Full experience – Search

- **Visited…**
- Today
- This week
- This month
- Older



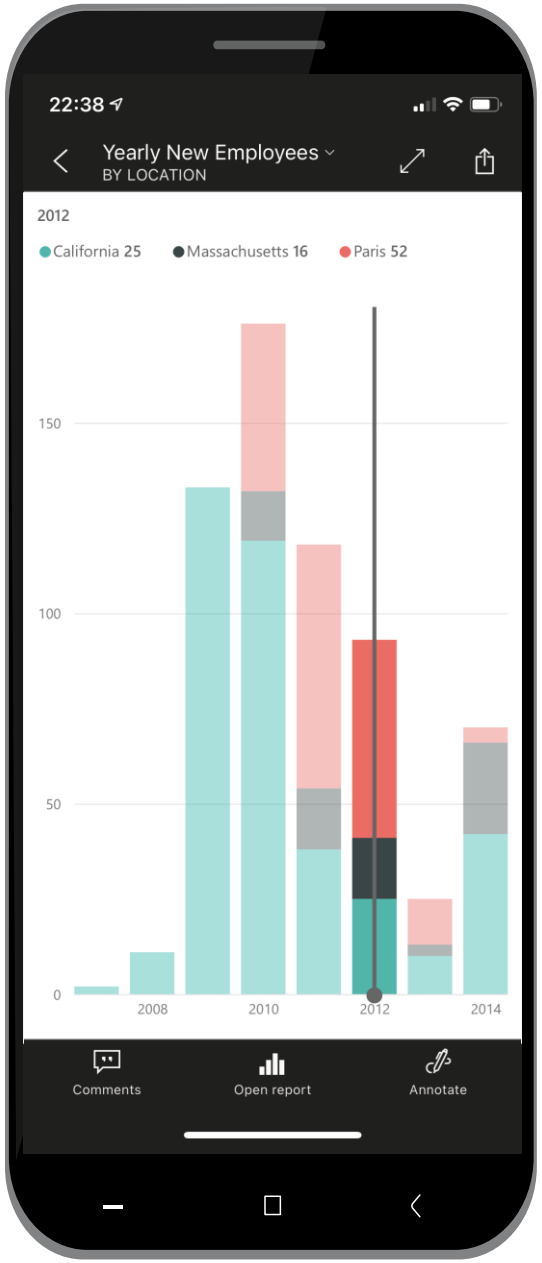
Reports or dashboards?

- **Reports**
- Interactive
- Cross filter / cross highlight
- Drill up/down and drill through



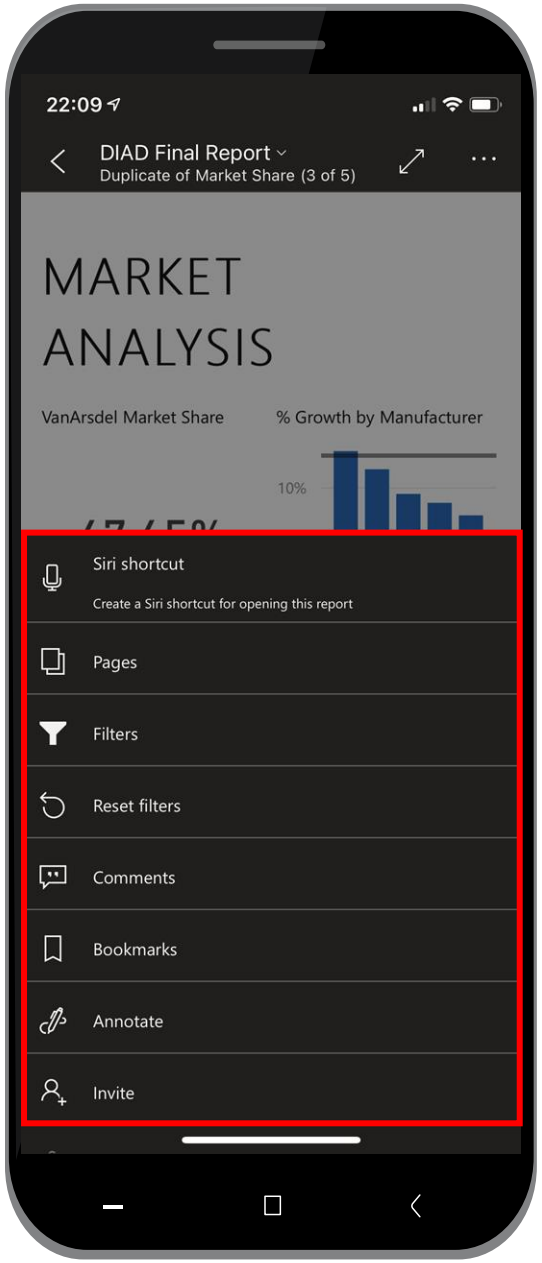
Reports or dashboards?

- **Dashboards**
- Static
- Based on tiles
- Potentially from multiple reports



Report actions

- Swipe left/right to navigate between pages
- Select bookmarks in the top
- Action menu
  - Open filter pane
  - Share report
  - Start conversations
- Annotate

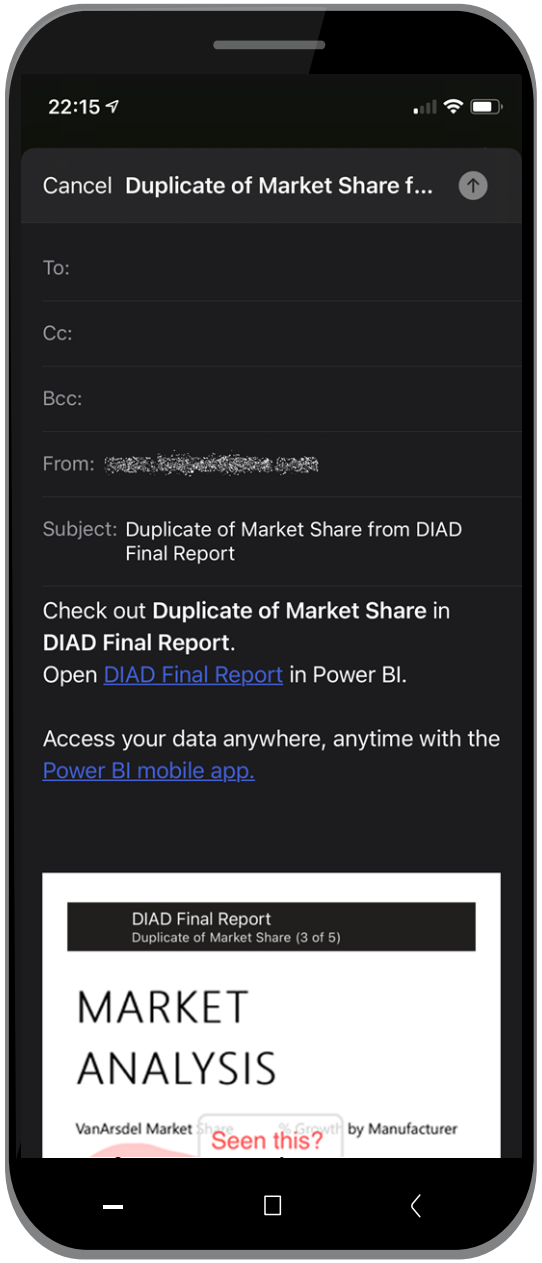


Adding annotations

- Adding text
- Drawing
- Emojis

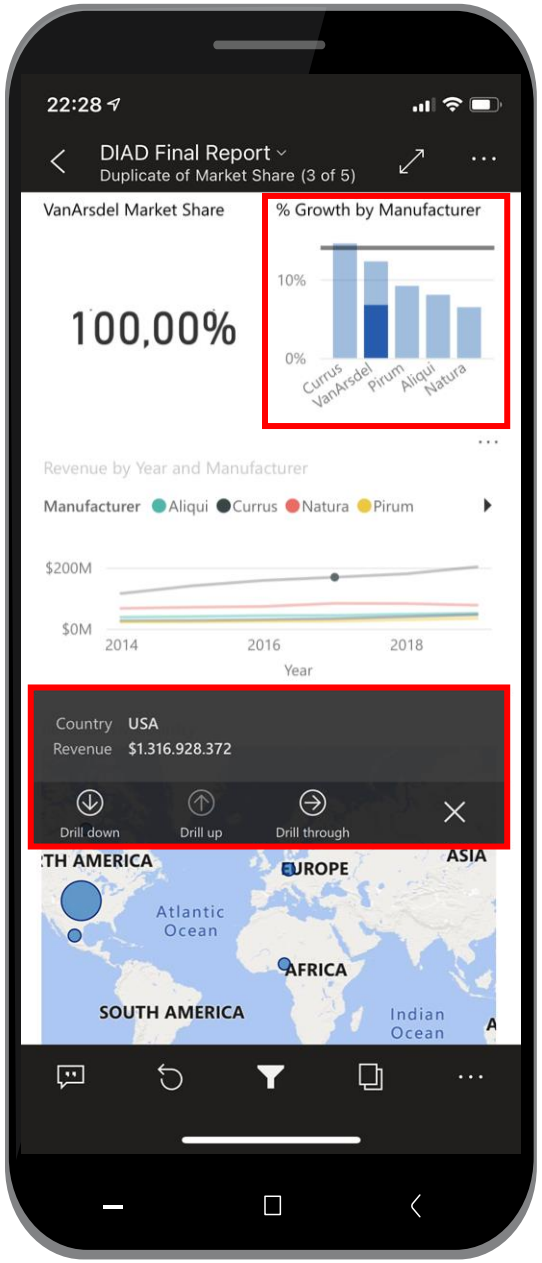
Sharing annotations

- Share with your colleagues
- Available in your preferred apps
- Shared as a picture
  - Including link to original report



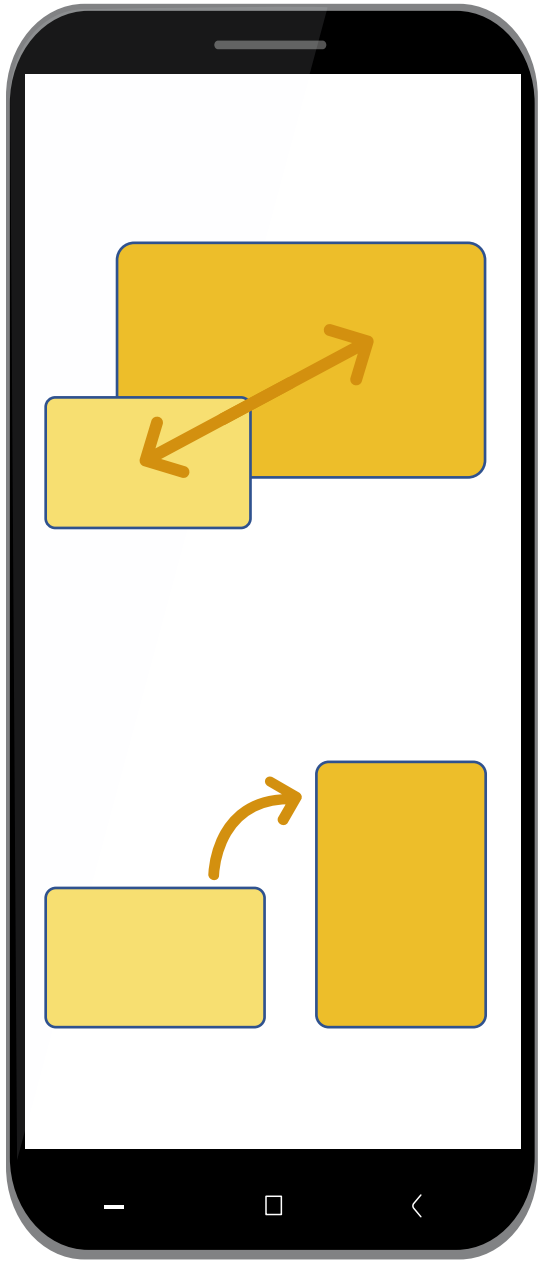
Report interactivity

- Cross highlight / cross filter
- Long press for tooltip
  - Drill up/down
  - Drill through



Responsiveness

Make sure your report and dashboards scale and work perfect on each device



Responsiveness

- A layout that adjusts to the screen based on the device it's viewed from. The content on the page automatically changes to fit the difference in screen size. The elements on the page are flexible.

Definition from: https://growthackscale.com/glossary/mobile-responsiveness

Applies to

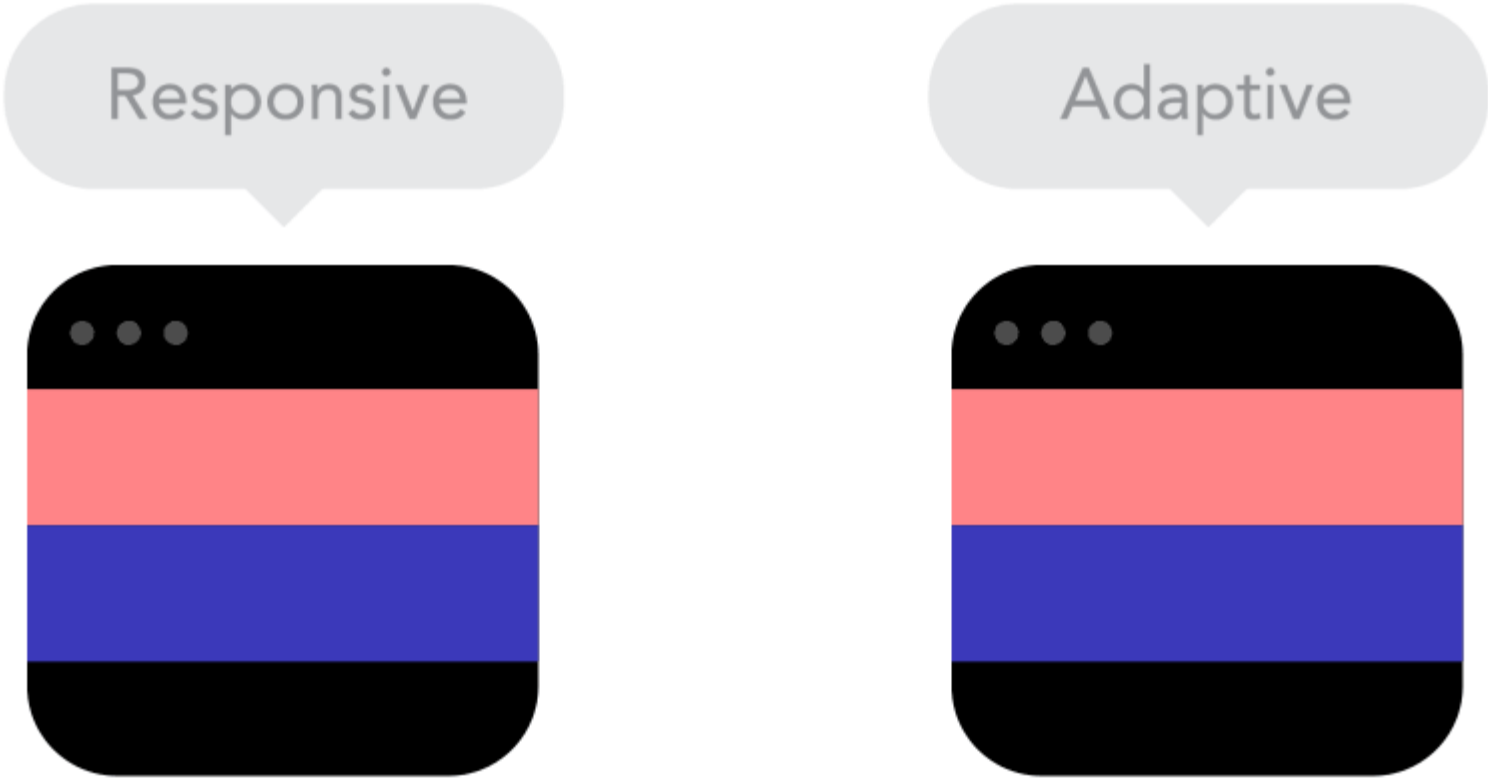
- Desktop monitors
- Smaller desktop
- Tablets
- Mobile Phones

Responsiveness principles

- Responsive vs Adaptive
- Flow
- Relative units
- Max and Min values
- Nested objects
- Mobile or desktop first?
- Webfonts vs System fonts
- Images

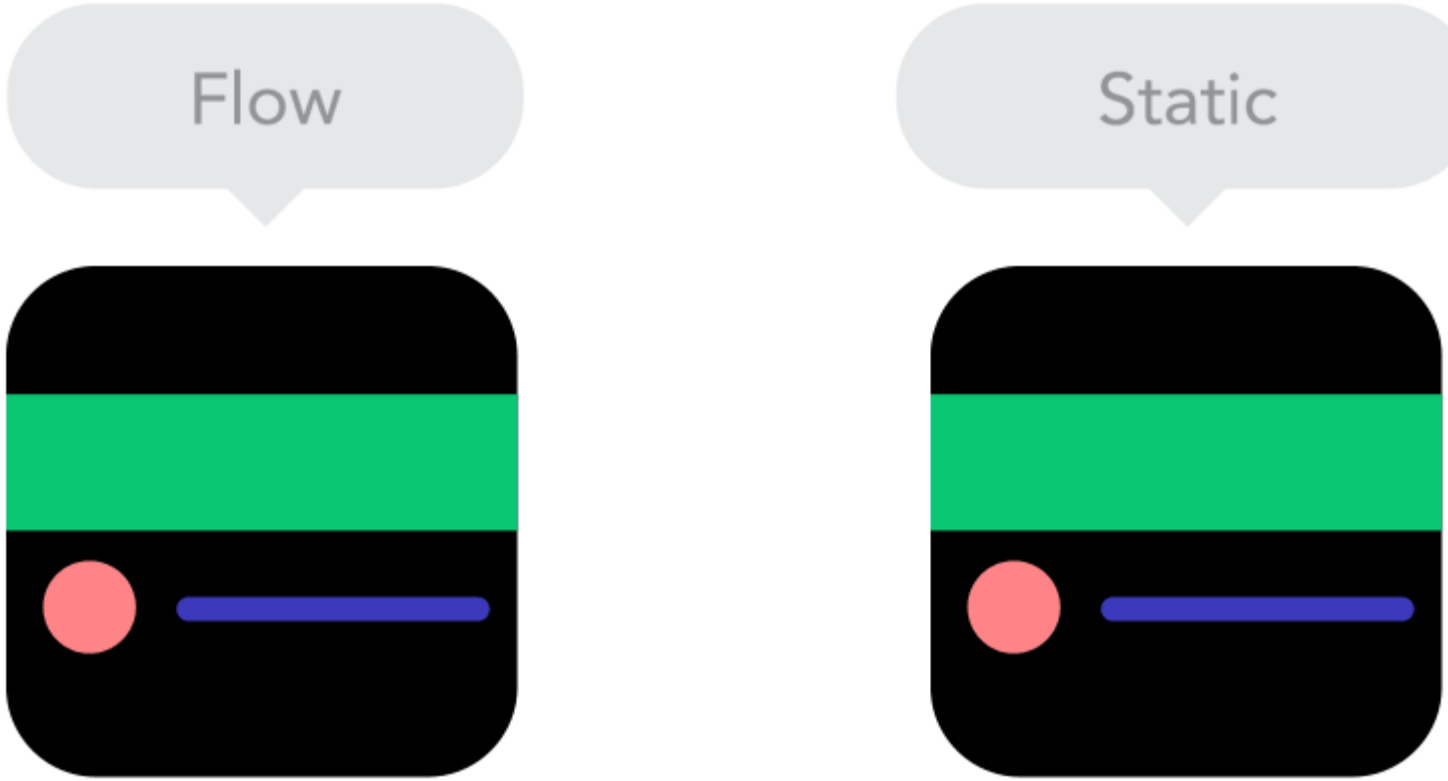
Resource: https://blog.jroont.com/9-basic-principles-of-responsive-web-design/ by Sandijs Ruluks

Responsive vs Adaptive



Resource: https://blog.froont.com/9-basic-principles-of-responsive-web-design/ by Sandijs Ruluks

Flow



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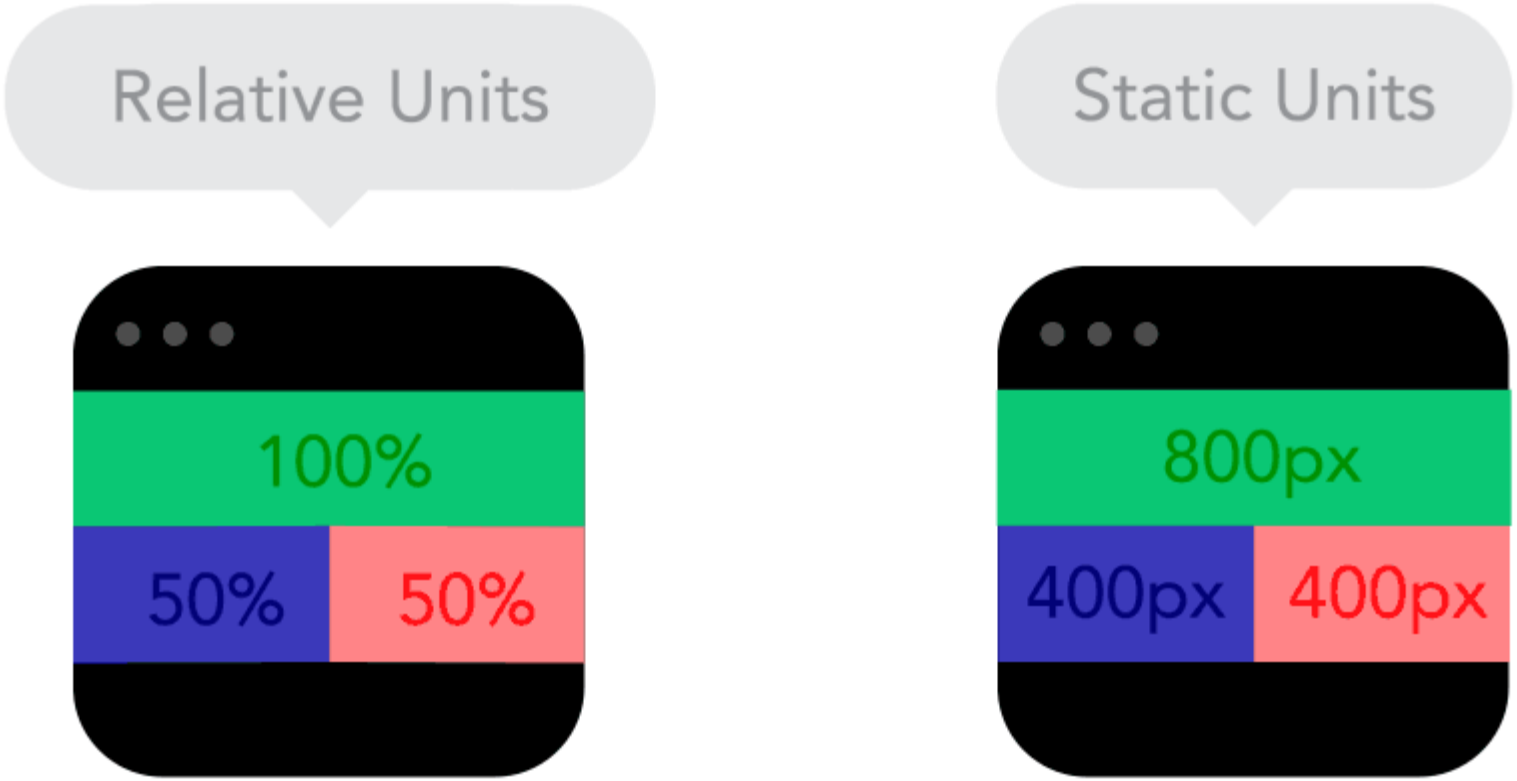
Relative Units



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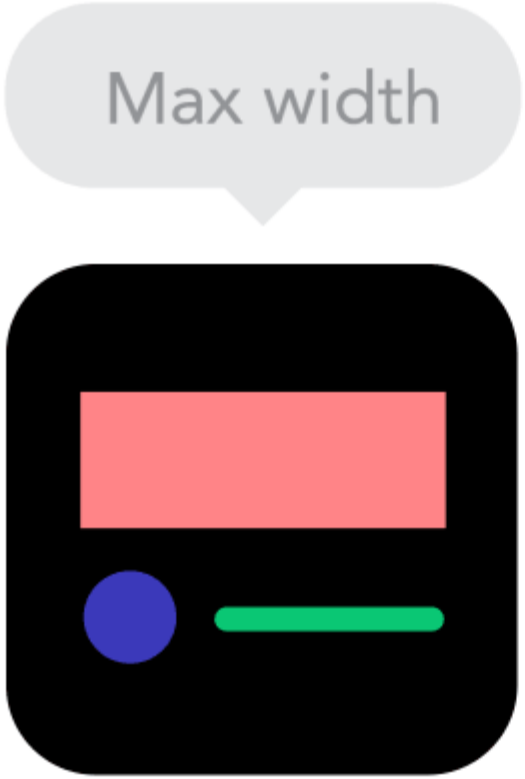
Max and Min values



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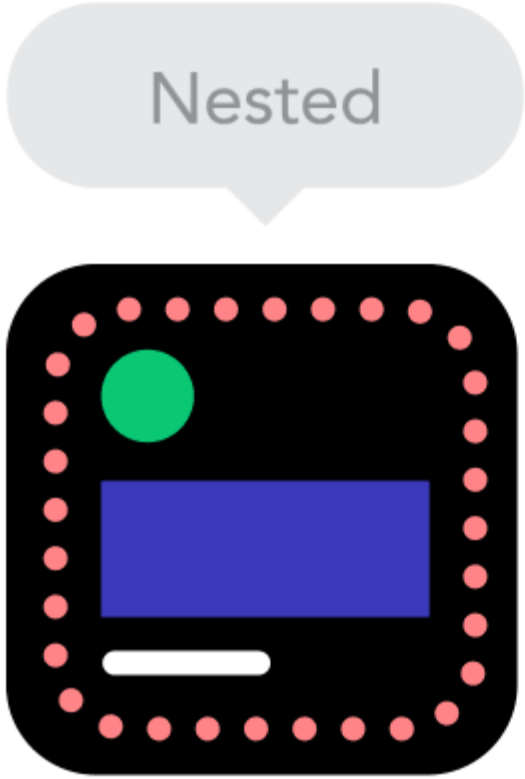
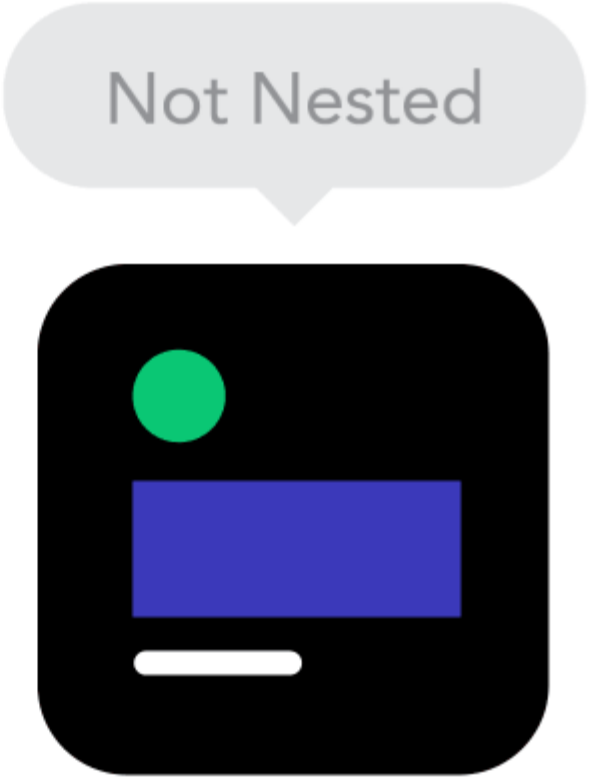
Nested objects





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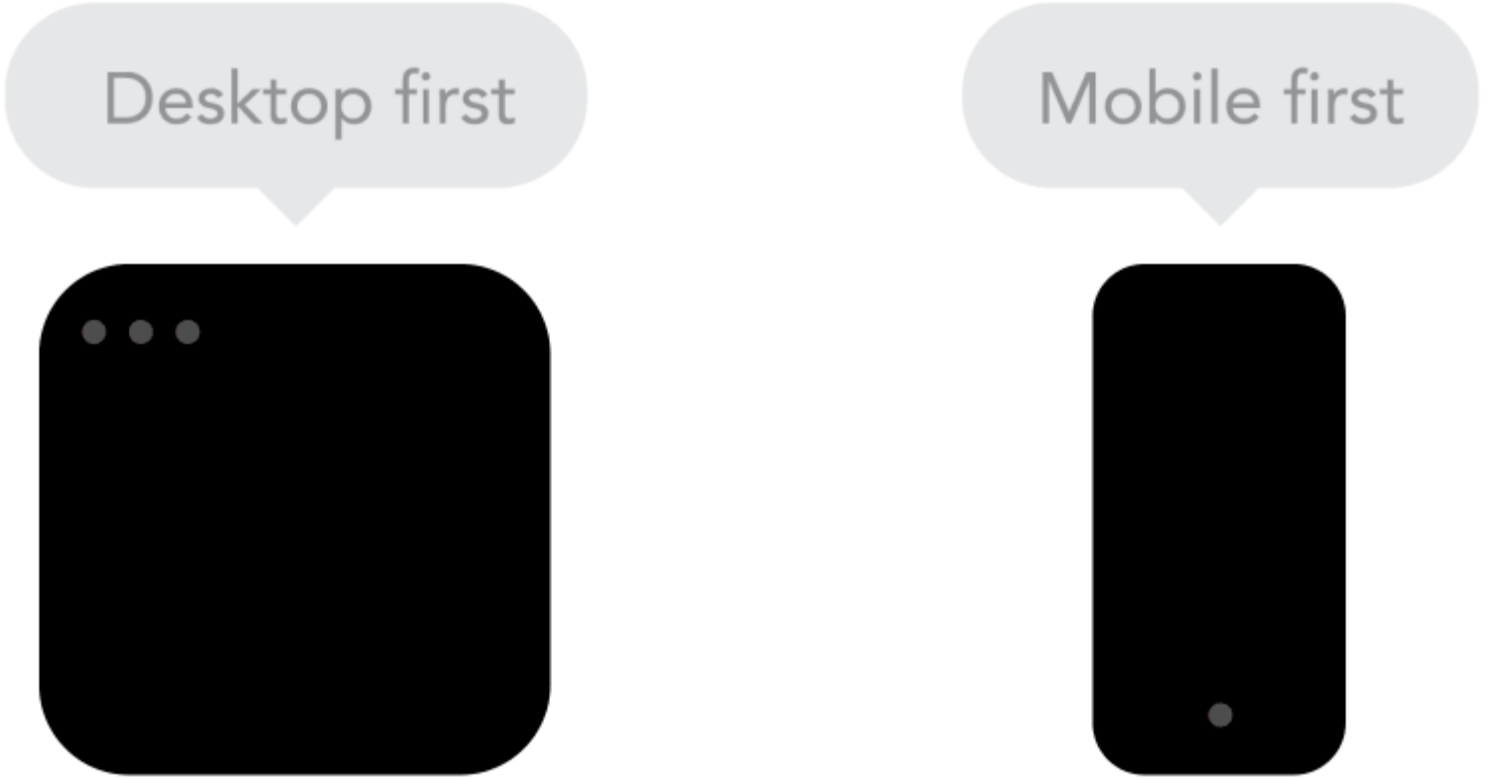
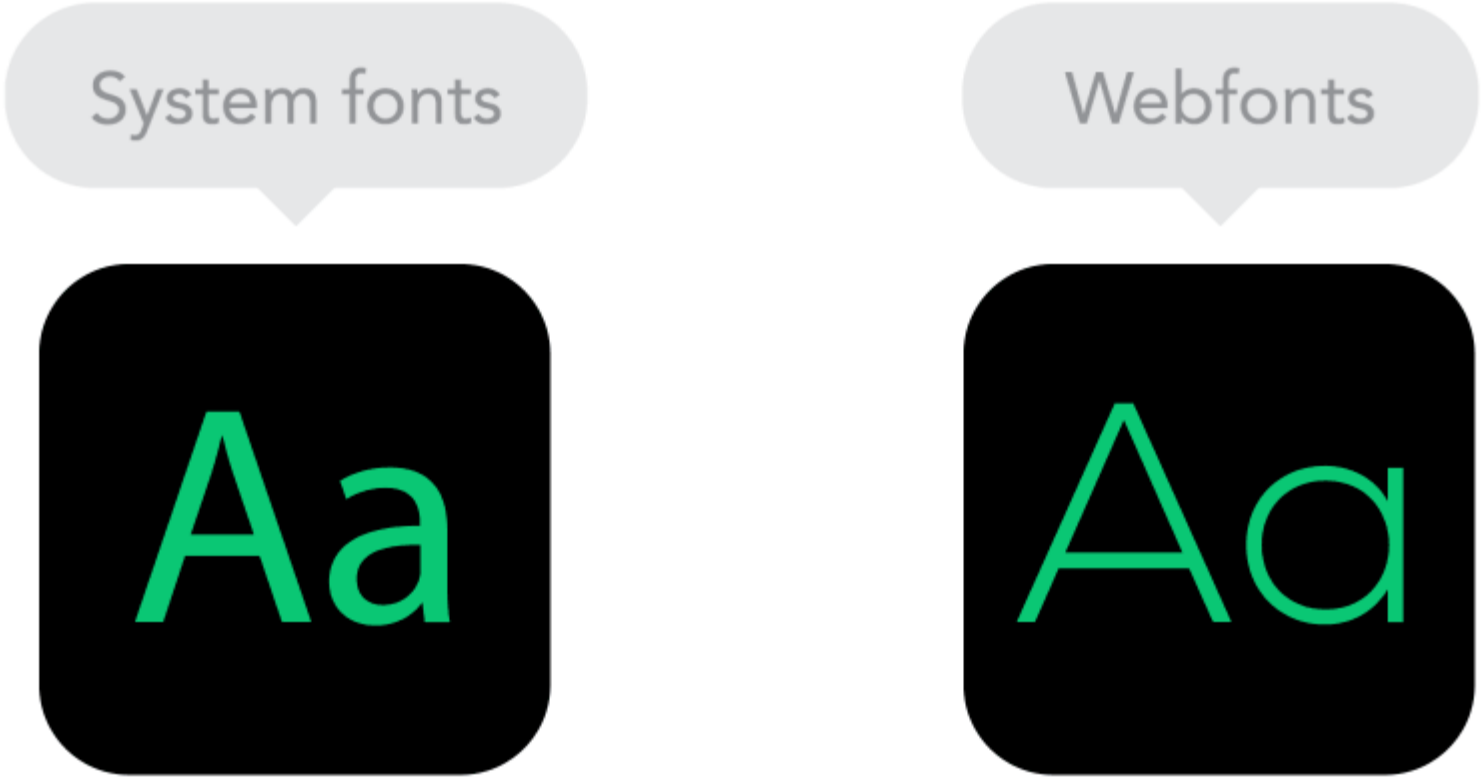
Mobile or desktop first?



Resource: https://blog.frooht.com/9-basic-principles-of-responsive-web-design/ by Sandijs Ruluks

Webfonts vs System fonts



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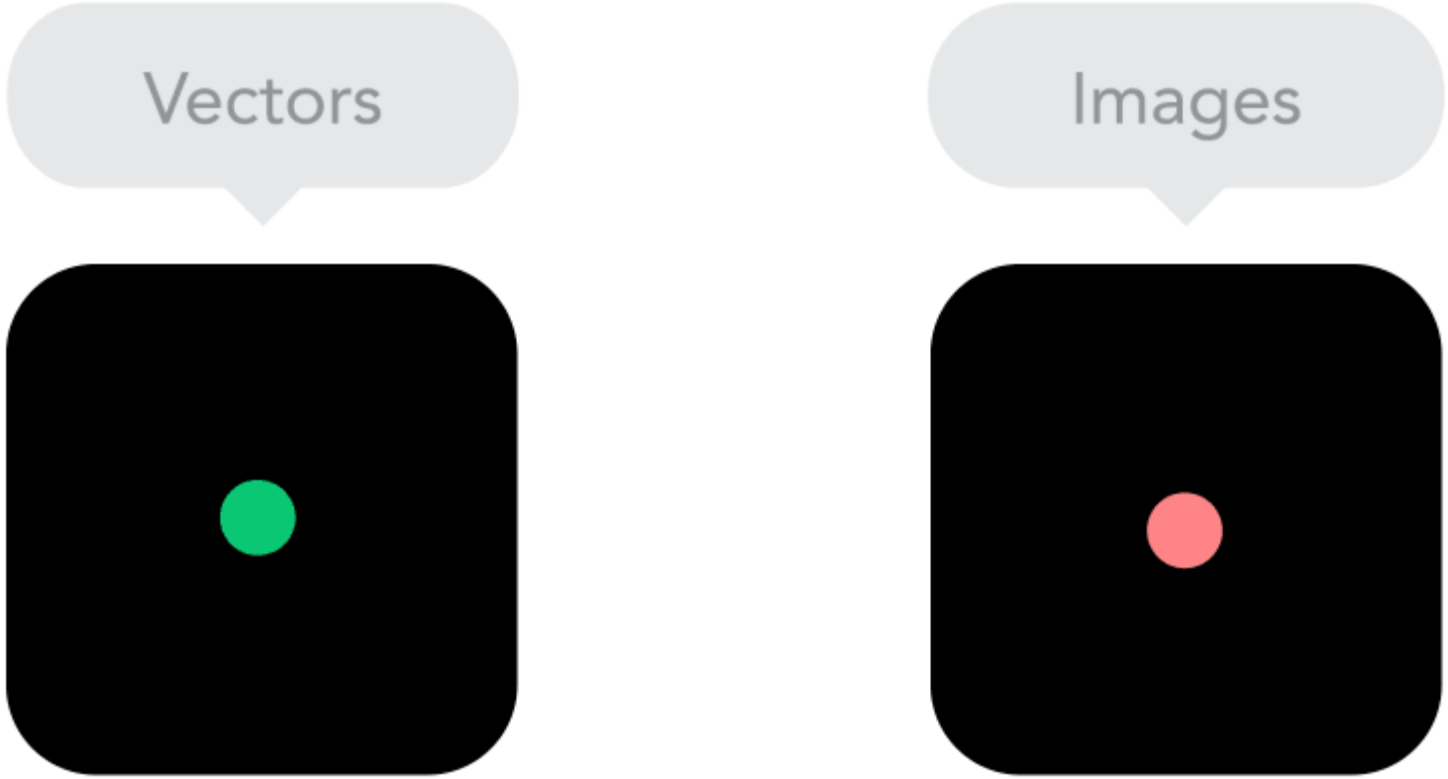
Images



Resource: https://blog.froont.com/9-basic-principles-of-responsive-web-design/ by Sandijs Ruluks

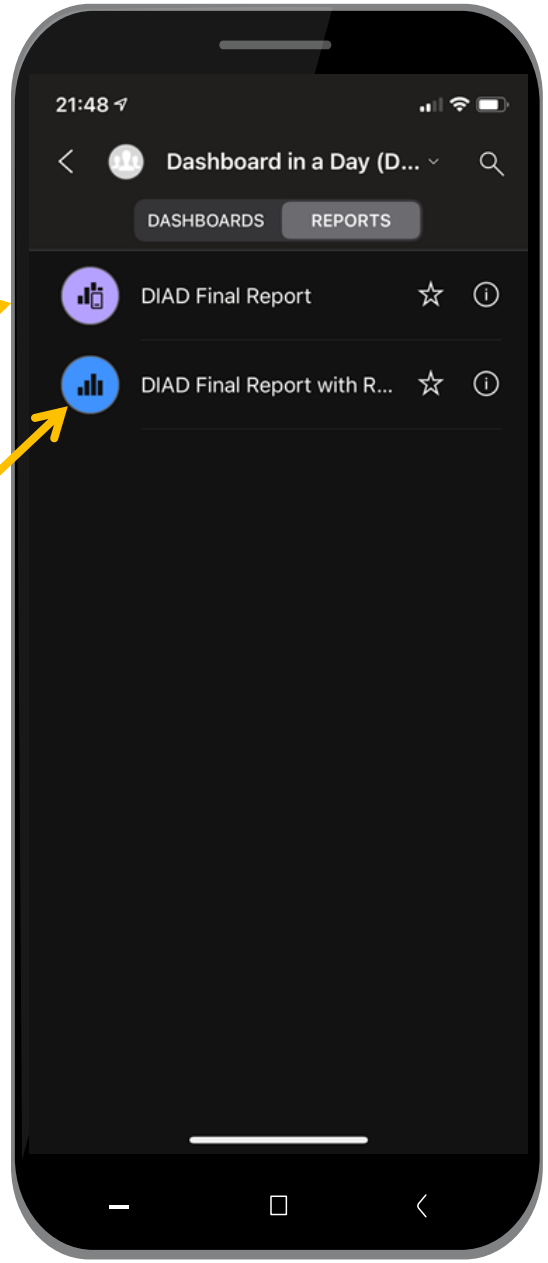
Building stunning mobile reports

Make it look fancy!

Recognize mobile reports

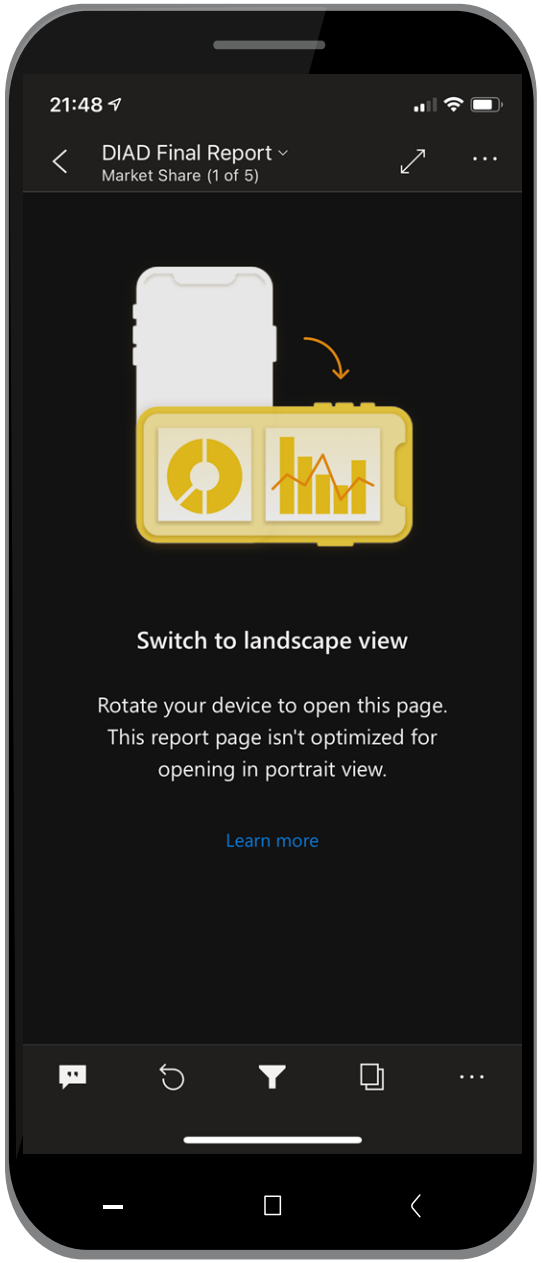
Mobile optimized report

Just another report



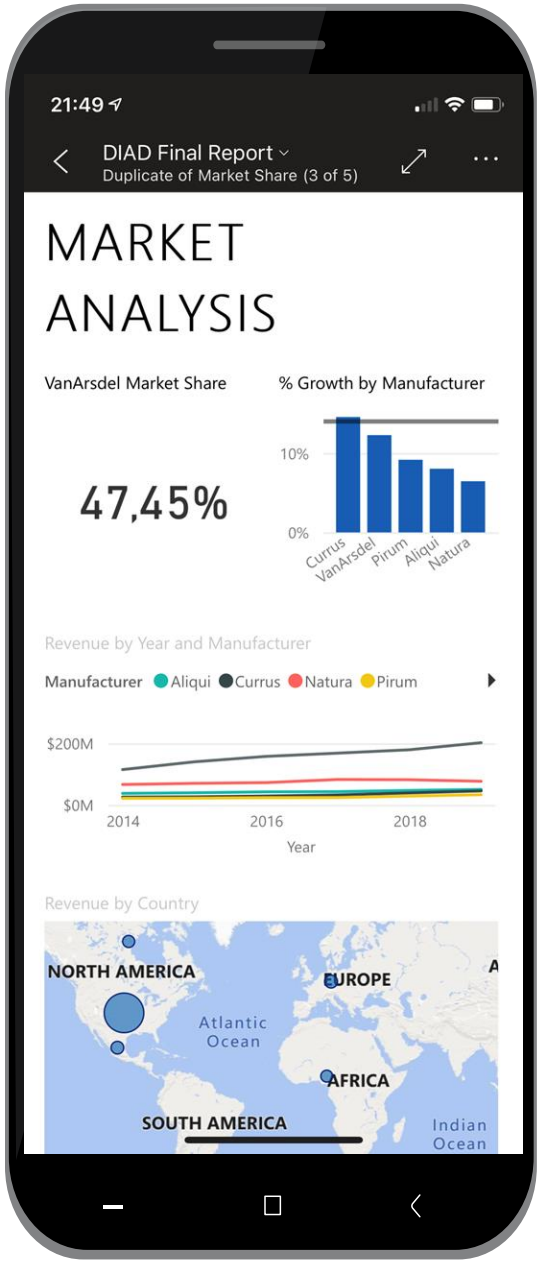
Recognize mobile reports

- *Not optimized? Flip the phone to landscape mode to view the report…*



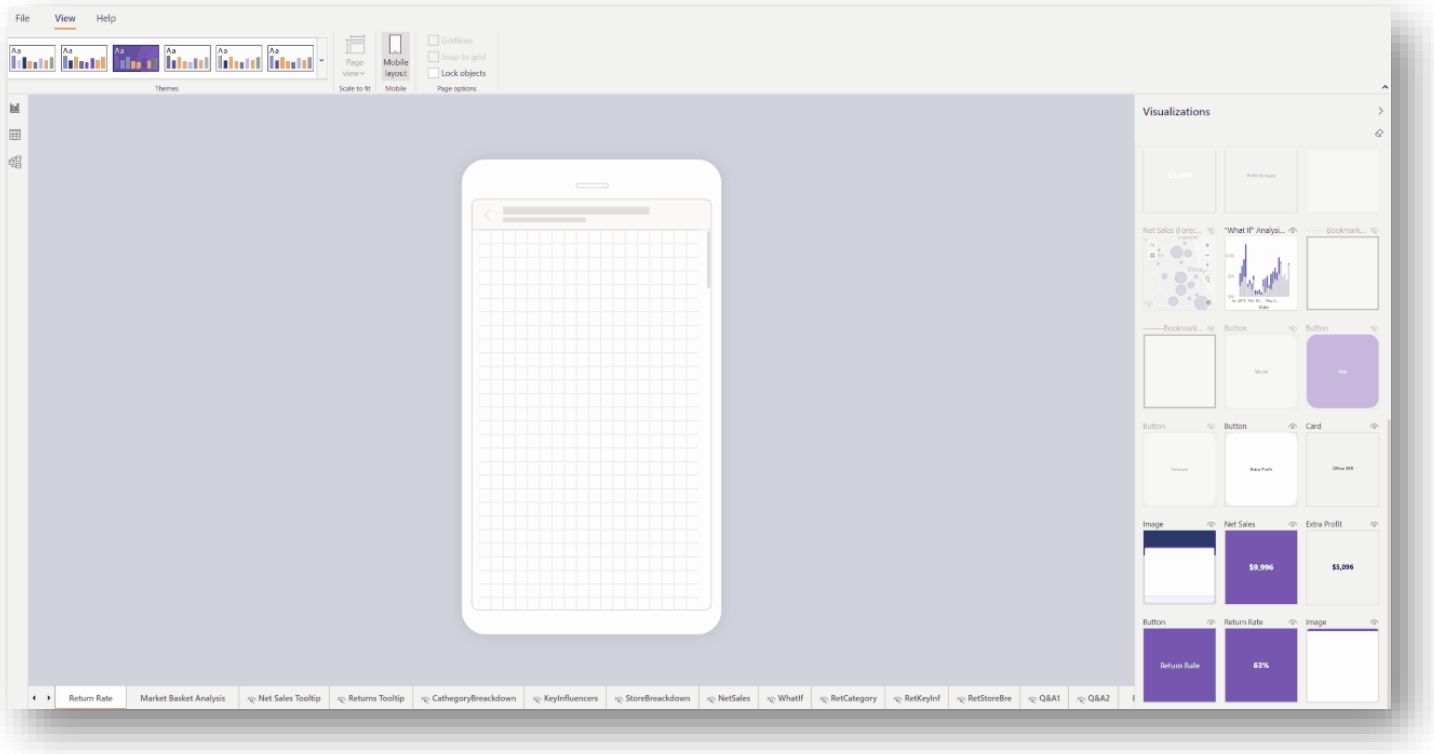
Basic report design

- No object overlay
- Sub-set of report visuals
- Minimalistic view



Enhanced mobile authoring

- Smaller grid
- Better object alignment
- Object overlay supported



Demo time!

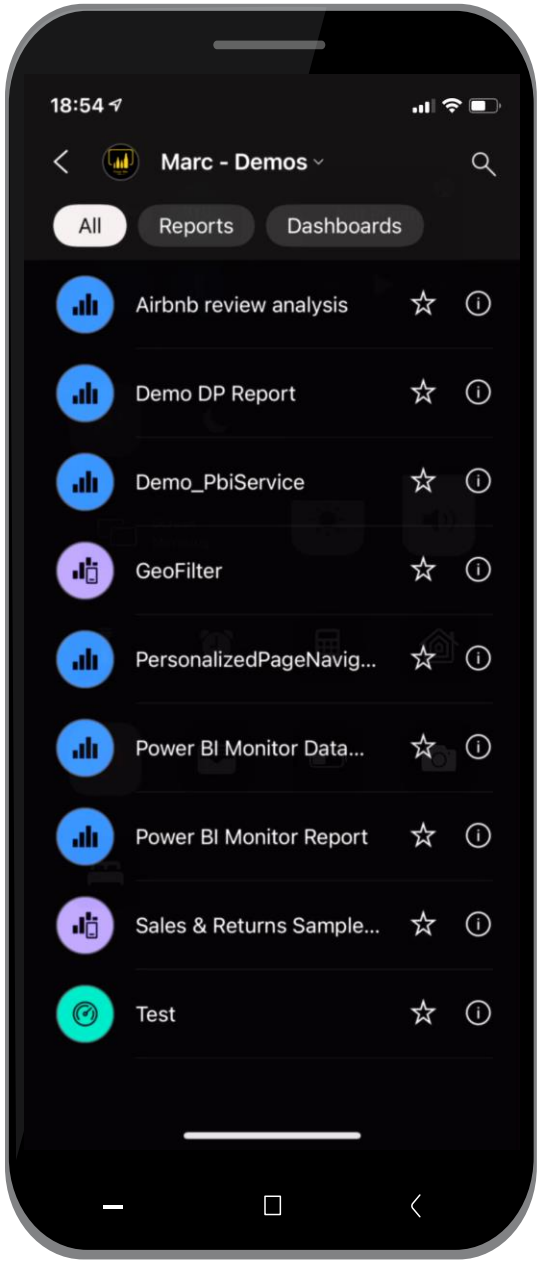
Because life is boring without risks

Other cool features

Take it to the next level!

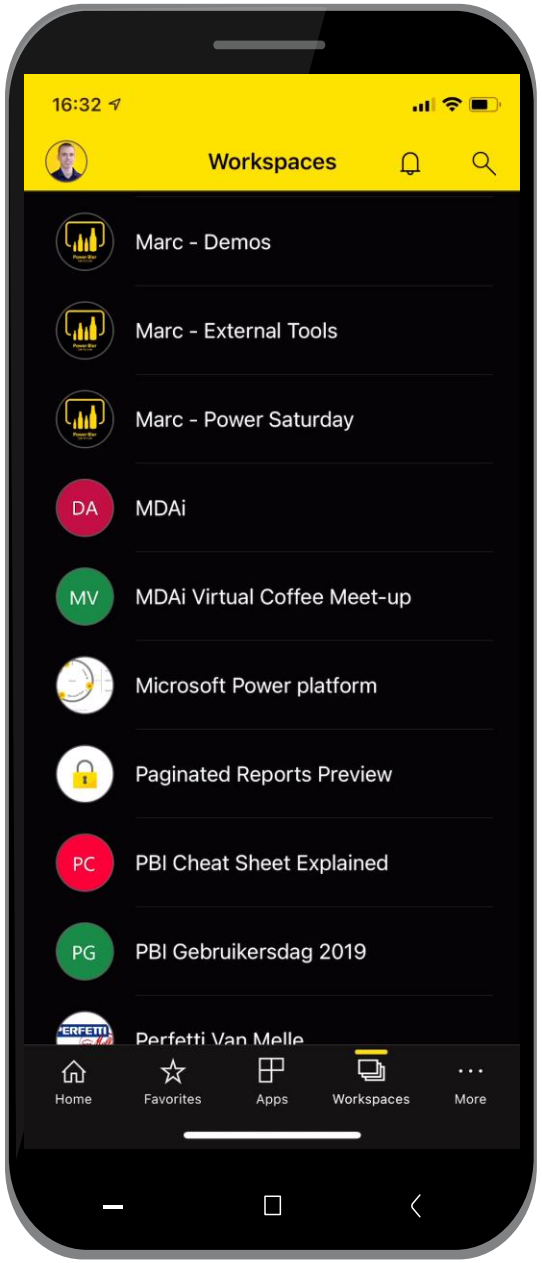
Barcode scanning

- No desktop available
- Barcode scanning for quick filtering



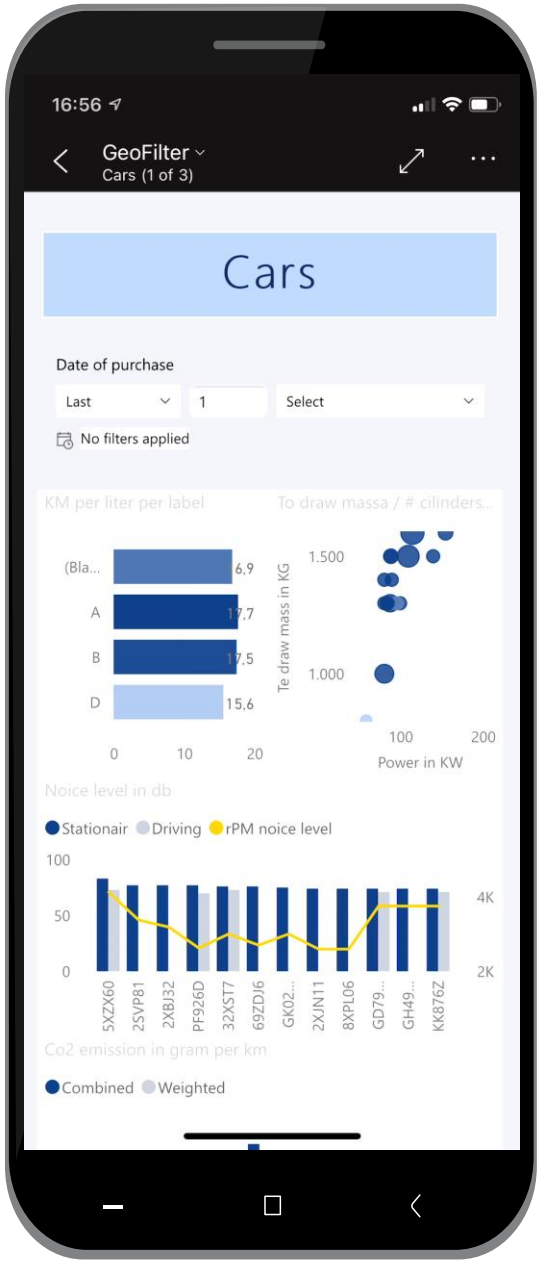
Location services

- Geo filter capabilities
- Realtime filter on device location
- Shows all data related to your location at that moment.



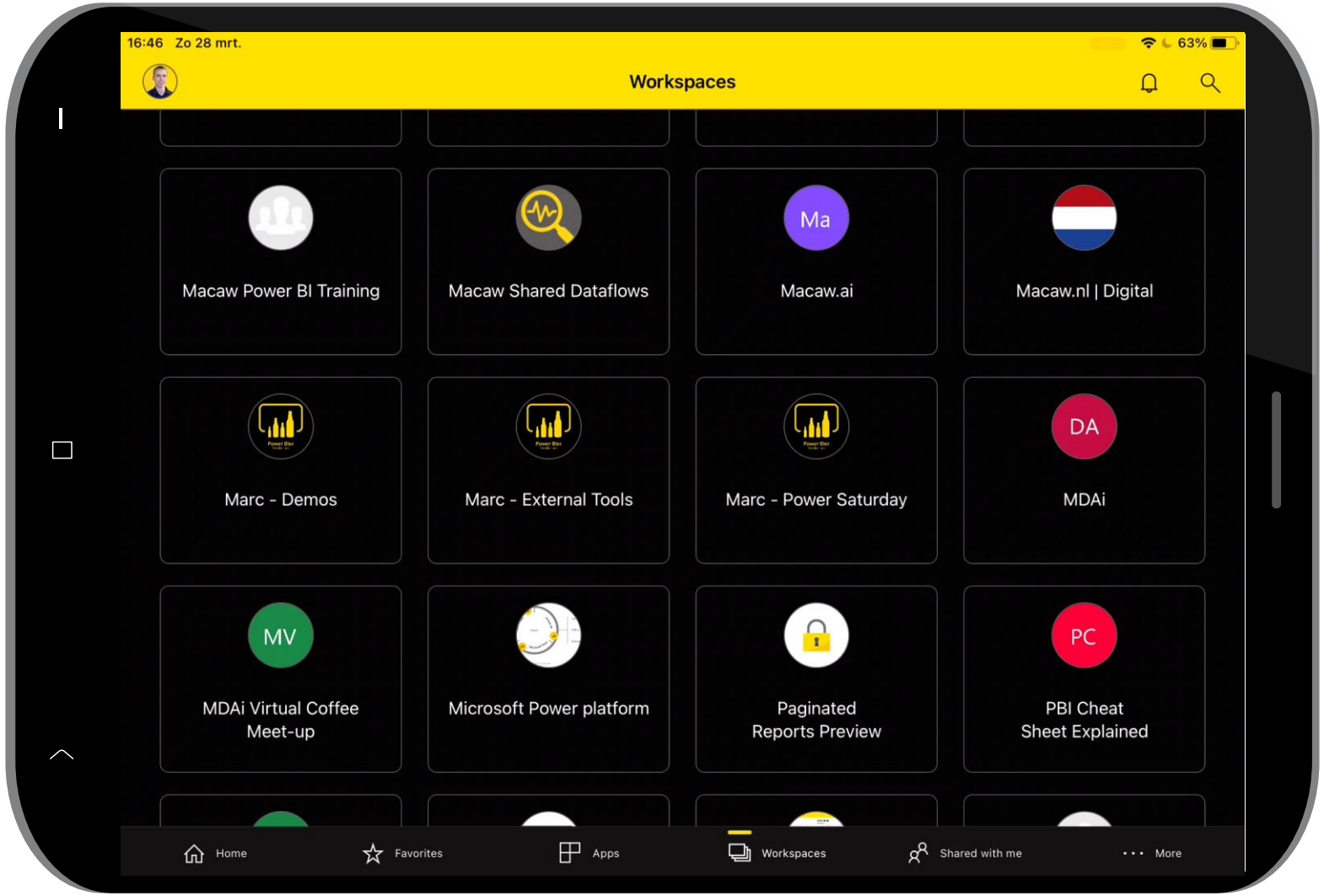
Conversations

- Adding comments and share findings
- Tag your colleagues, so they will receive a notification afterwards



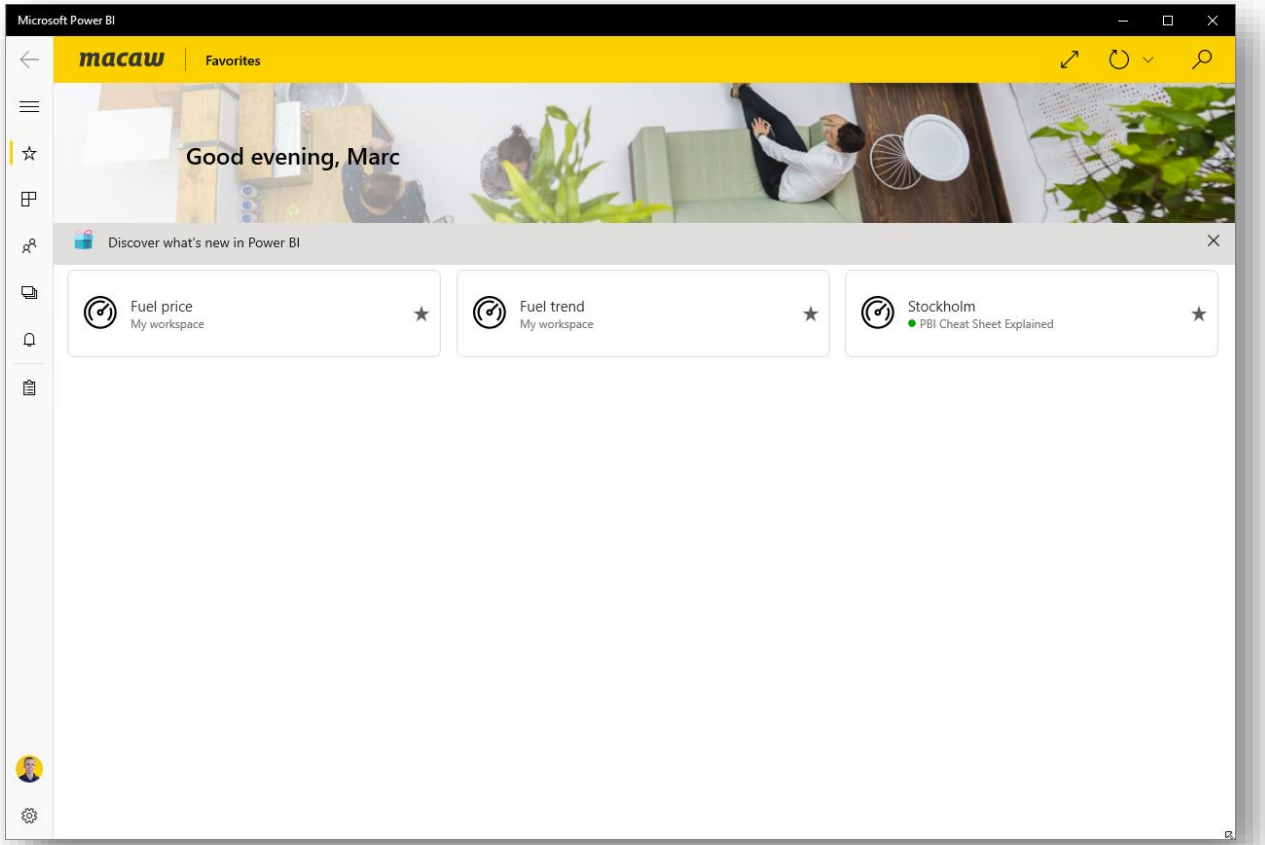
What about tablets?

- Both desktop and mobile reports can be rendered, based on landscape or portrait mode of the device.



Windows 10 app

- Also available on desktop
- Unique slideshow option
- Get it in the Microsoft Store

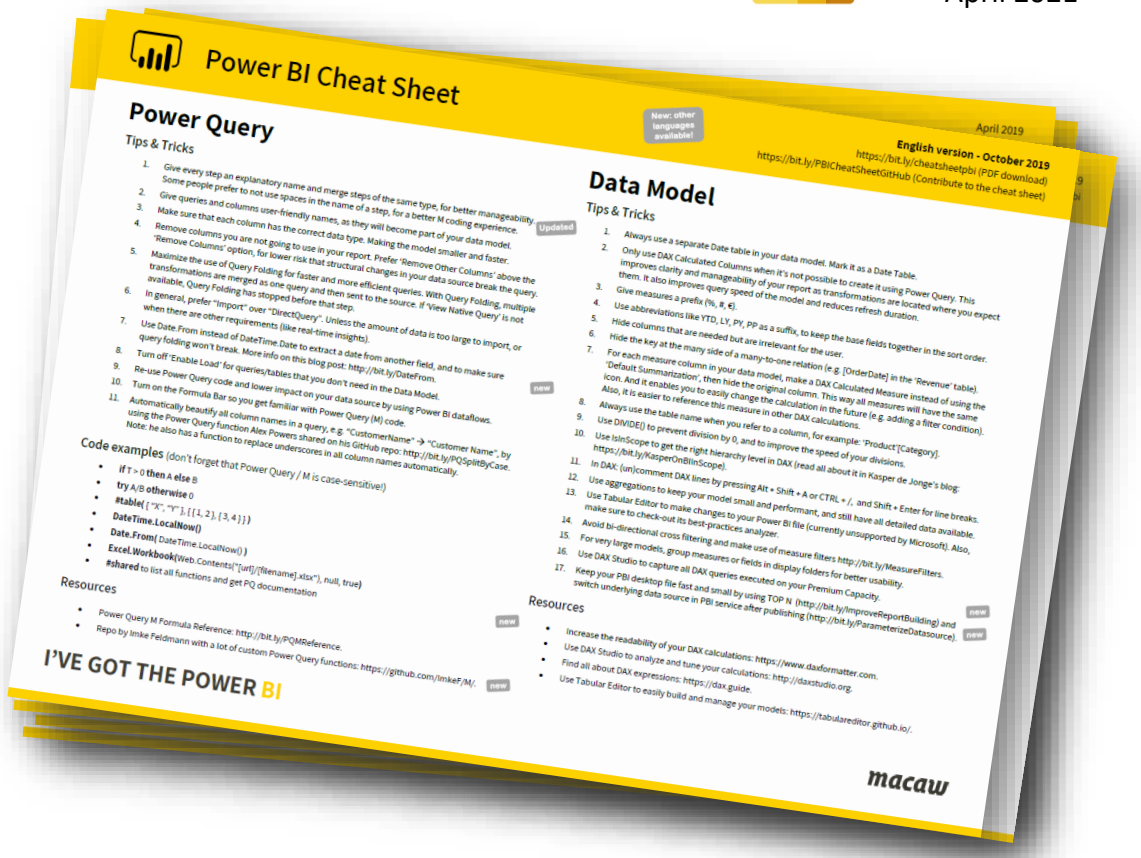


Recap

- Power BI available on **any platform** (Apple, Android, Windows)
- Think about **responsiveness** of your reports
- What will the main **report consumption platform** be
- Take a **subset of visuals** for mobile reporting

Download for free!

Https://bit.ly/cheatsheetpbi



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