

Reporting analytics

CASE STUDY: INVENTORY ANALYSIS IN POWER BI



Danny Cevallos

Statistician and Data Scientist

Analysis workflow



Data Check



Explore Data



Analyze &
Visualize Data



Dashboarding



Communicate
Insights



Objectives



- Which items would be best for renewing or increasing inventory?
- How would you understand this by category?
- What is the influence of the countries?

Preliminary results

- "Glow a Flytrap" leads in sales
- "Doughnut lip gloss" sells faster
- "Set of 6 soldier skittles" has increased in sales
- All three belong to class A



Telling a story

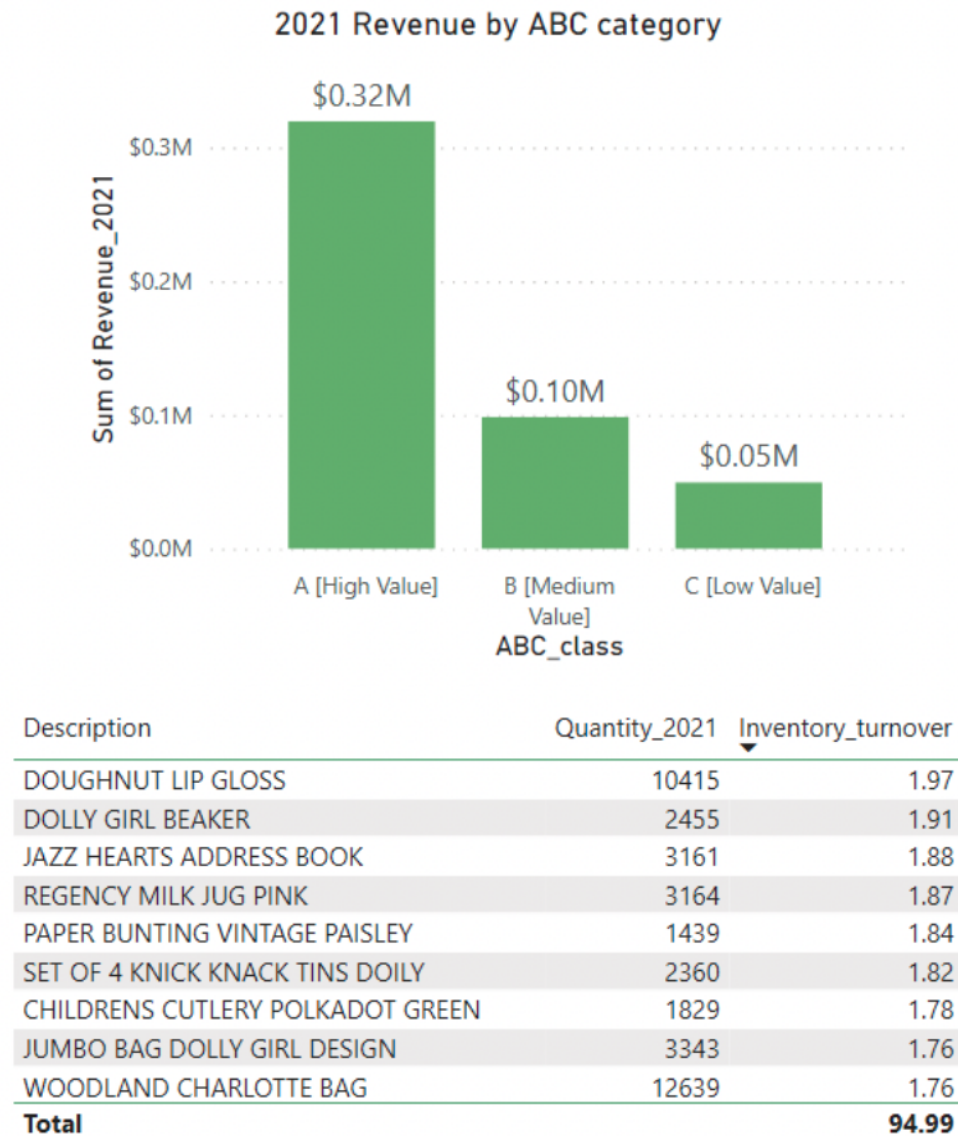


Focus your presentation on good inventory management practices:

- Smart purchasing
- Control policies
- Stock management

Building your dashboard

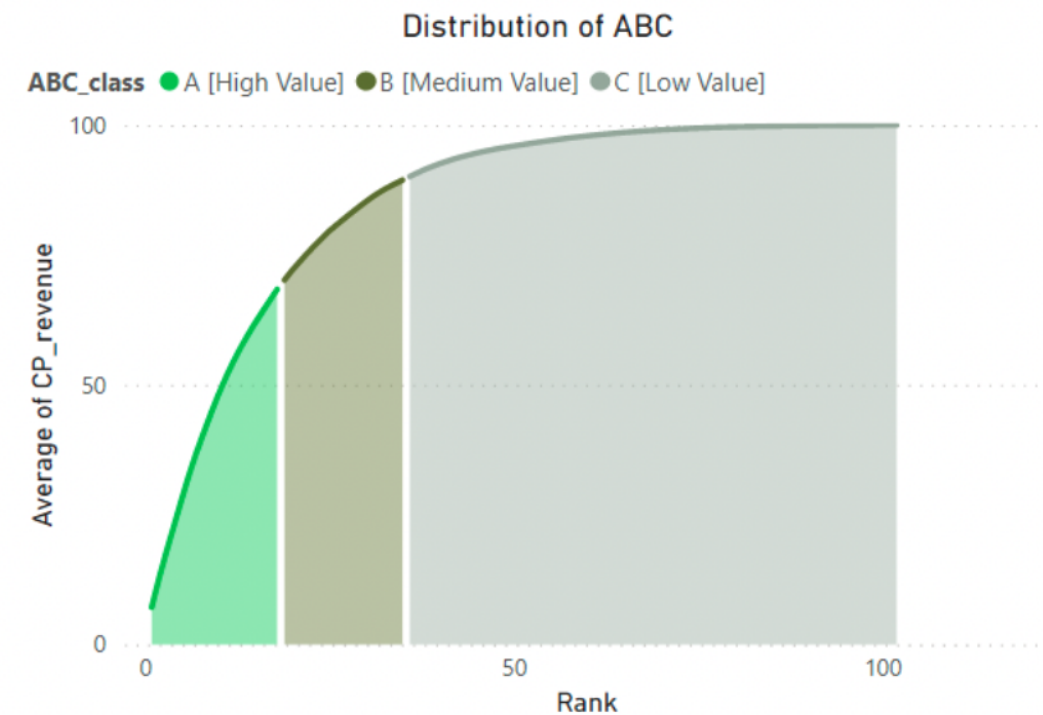
Inventory Analysis Case Study



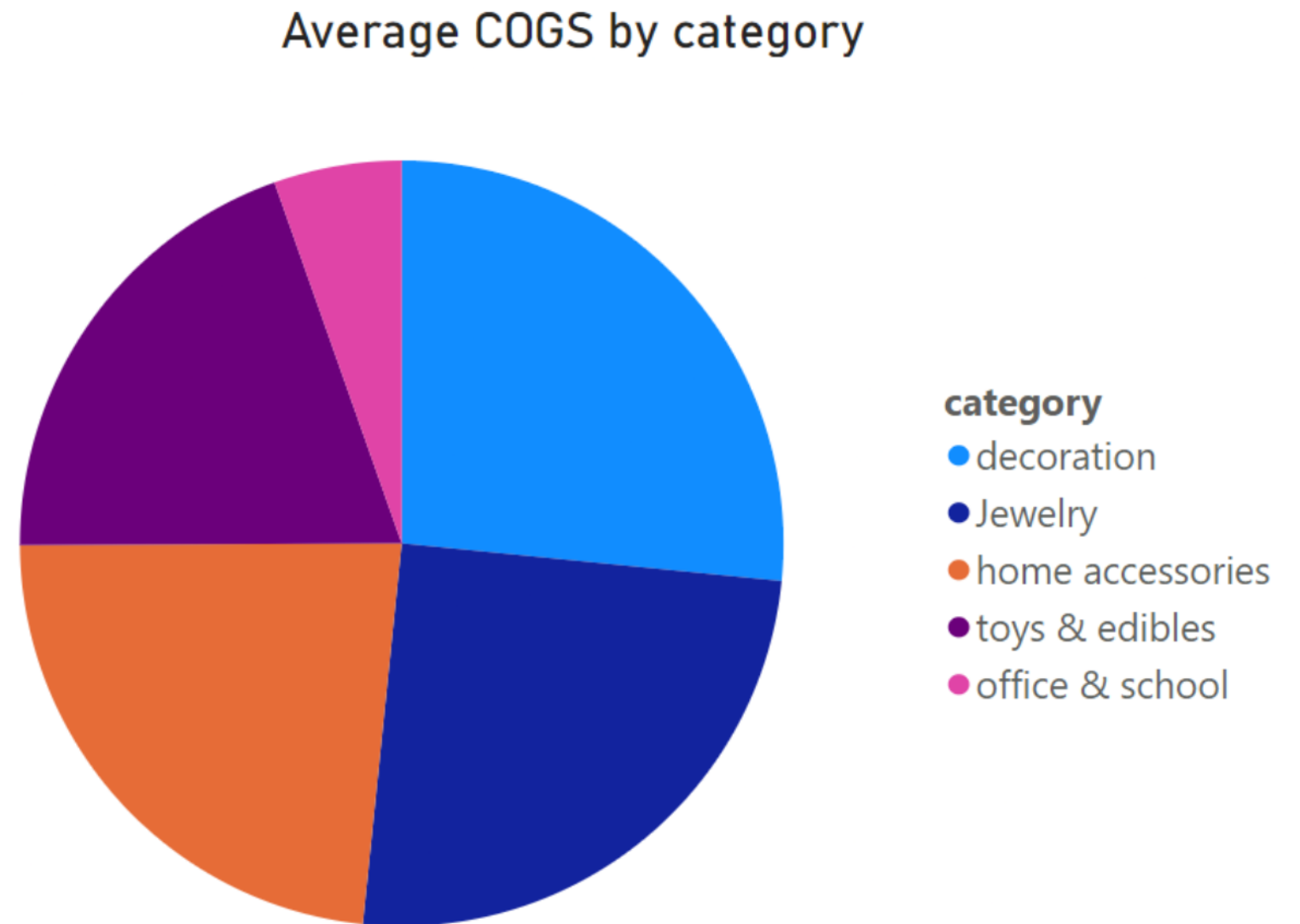
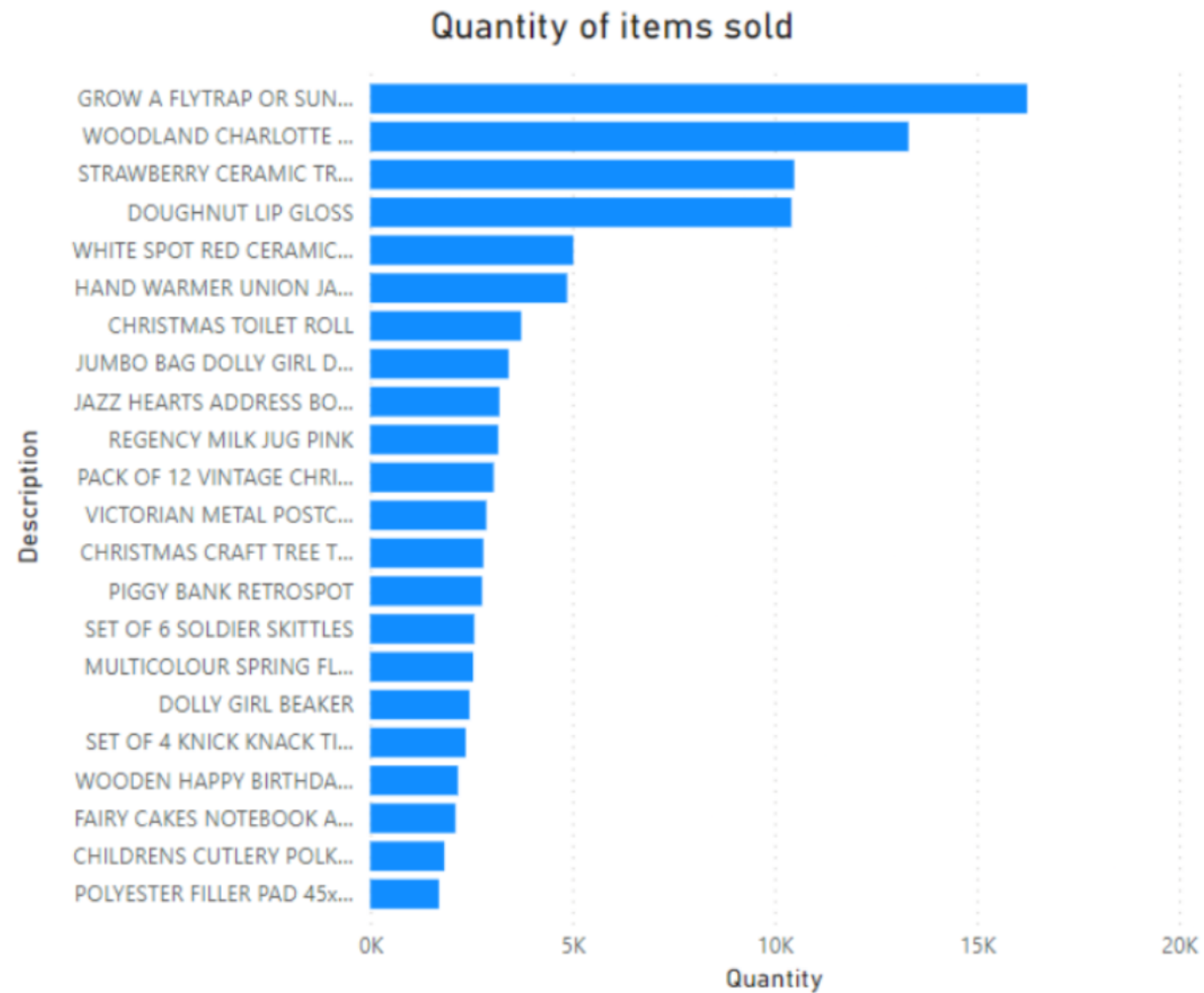
Number of items
104

Total 2021 COGS
268.92K

Average Turnover
0.94



Next steps



Let's practice!

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Wrap-up

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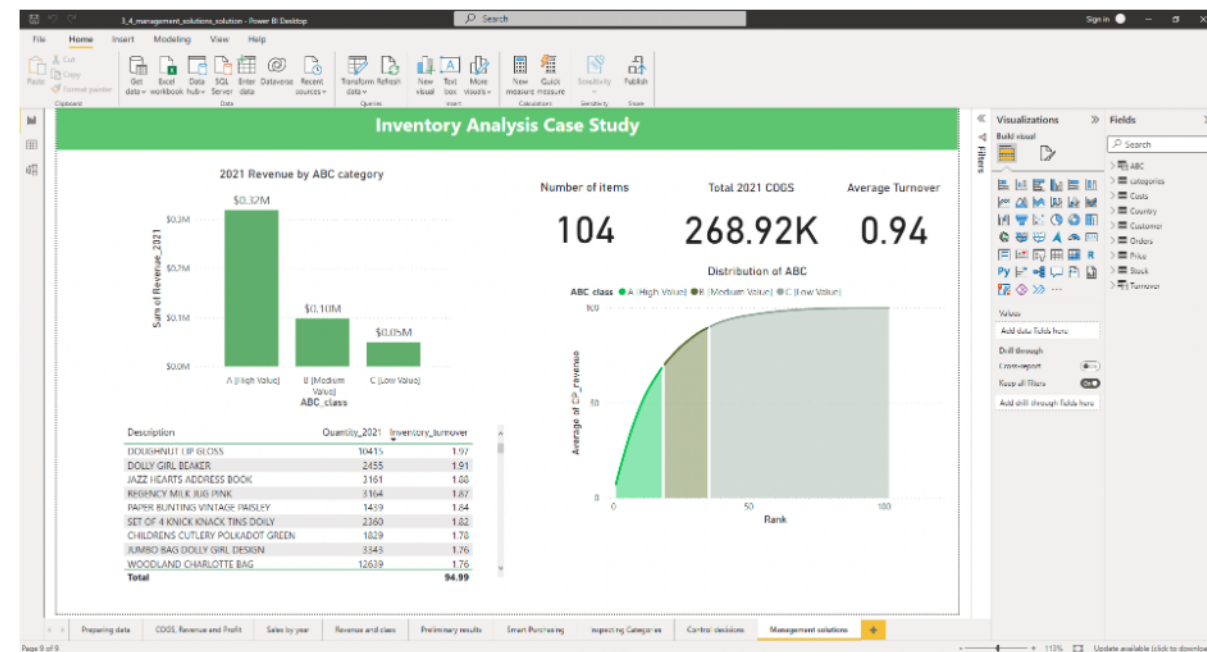
Communicate
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Sharing dashboards

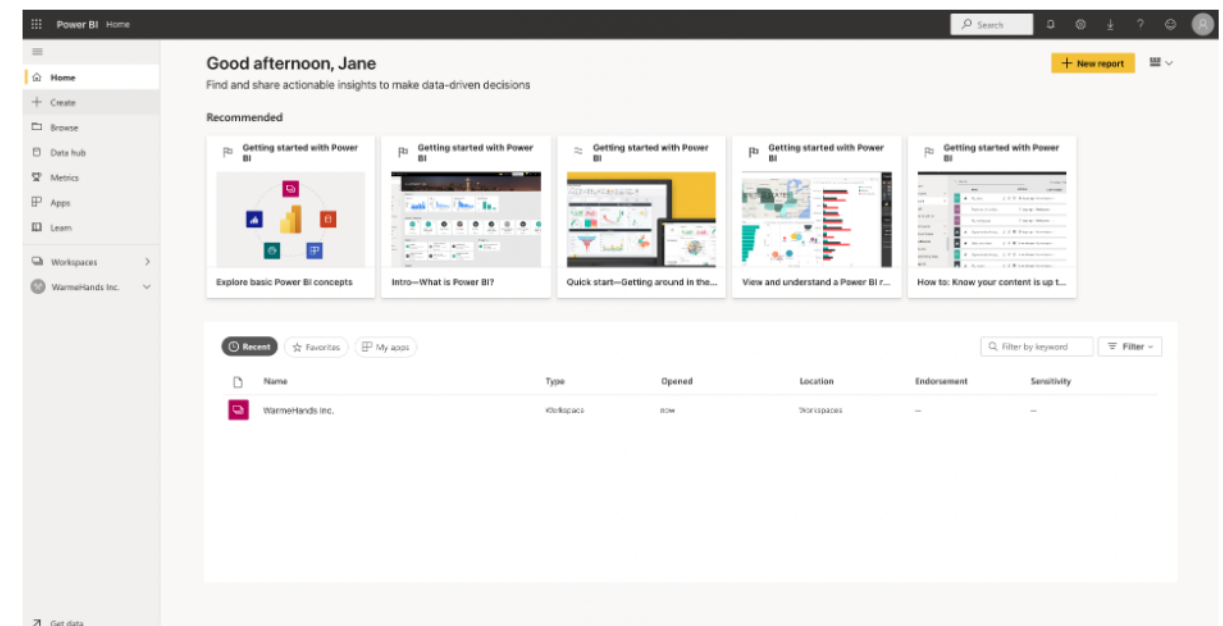
Power BI Desktop

- Free
- Personal offline work



Power BI Service

- Real-time collaboration
- Online repository



Further challenges

Data processing and Analysis

- Exploratory Data Analysis in Power BI
- Intermediate DAX in Power BI

Creating reports

- Reports in Power BI

Congratulations!

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