ALLISON SCHLISSEL
METIS CAREER DAY
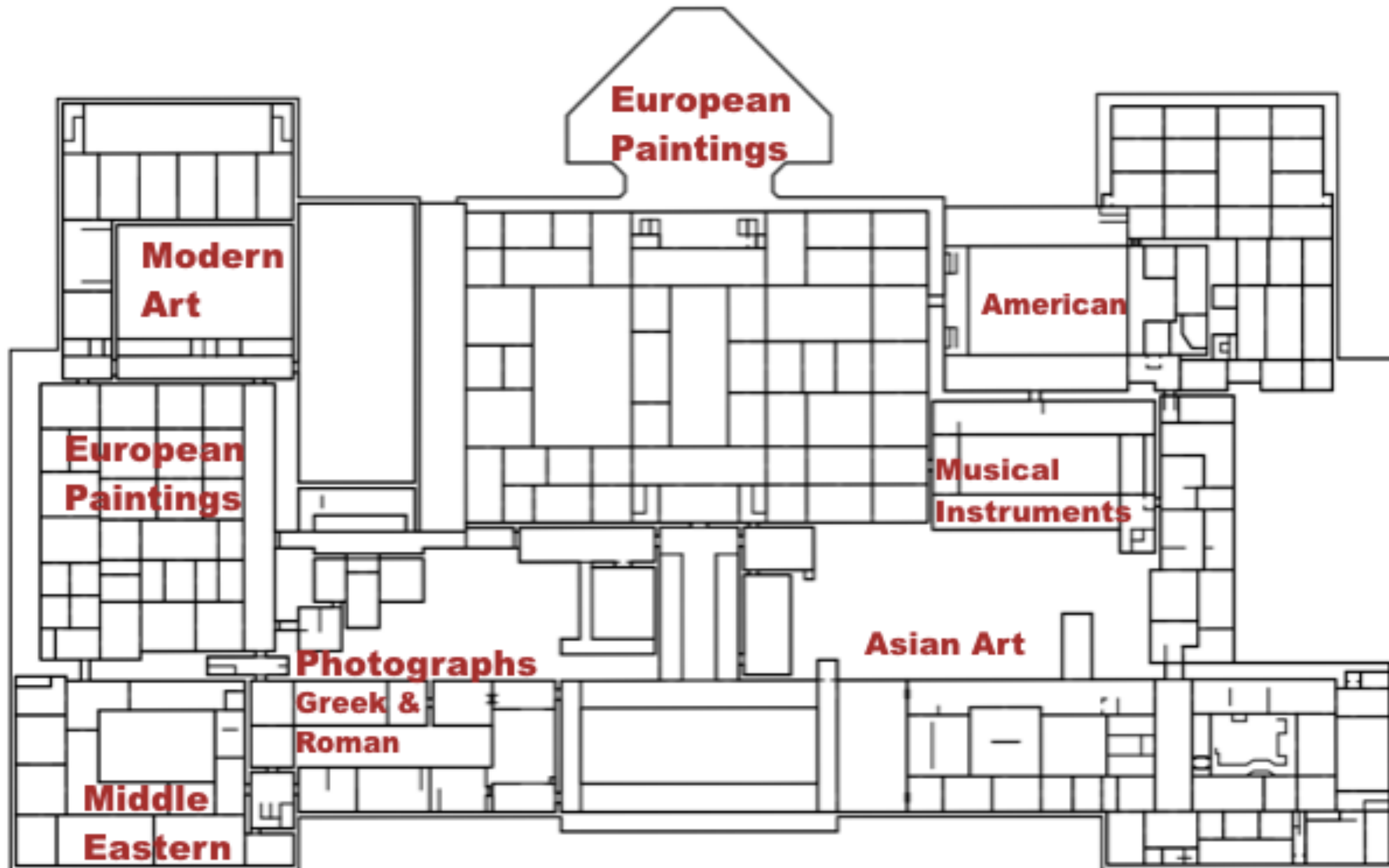SEPTEMBER 15, 2016

EYE OF THE BEHOLDER

DAY OFF!

- 1/4 mile long

- 2 million square feet

- Holds 12K paintings, 3K on display

DECISION TIME

RECOMMENDER

PROCESS

1 Scraped 12K paintings with artist, year, & description

2 Organized Data

3 Text Similarity Analysis

4 Recommender Systems: Refined & Eclectic

EXAMPLE: REFINED

Young Woman Seated on a Sofa

Berthe Morisot

REFINED RECOMMENDATIONS

The Pink Dress
Berthe Morisot

Still Life with Flowers, Fan, and Pearls
Édouard Manet

Young Woman Knitting
Berthe Morisot

Madame Théodore Gobillard
Edgar Degas

The Cup of Tea
Mary Cassatt

EXAMPLE: ECLECTIC

Washington Crossing the Delaware

Emanuel Leutze

ECLECTIC RECOMMENDATIONS

John Inman
Henry Inman

George Washington
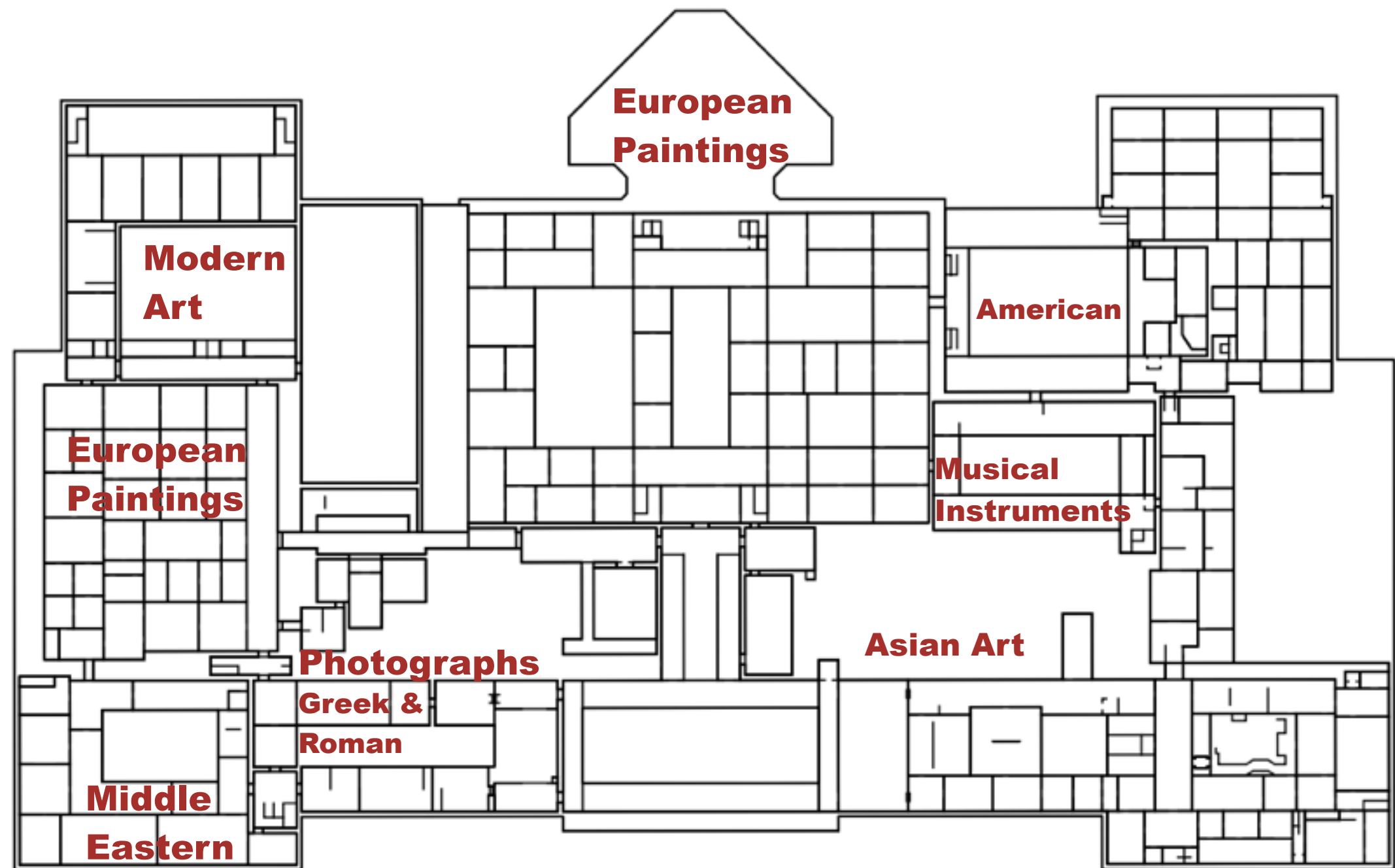Gilbert Stuart

Seventh Regiment on Review
Otto Boetticher

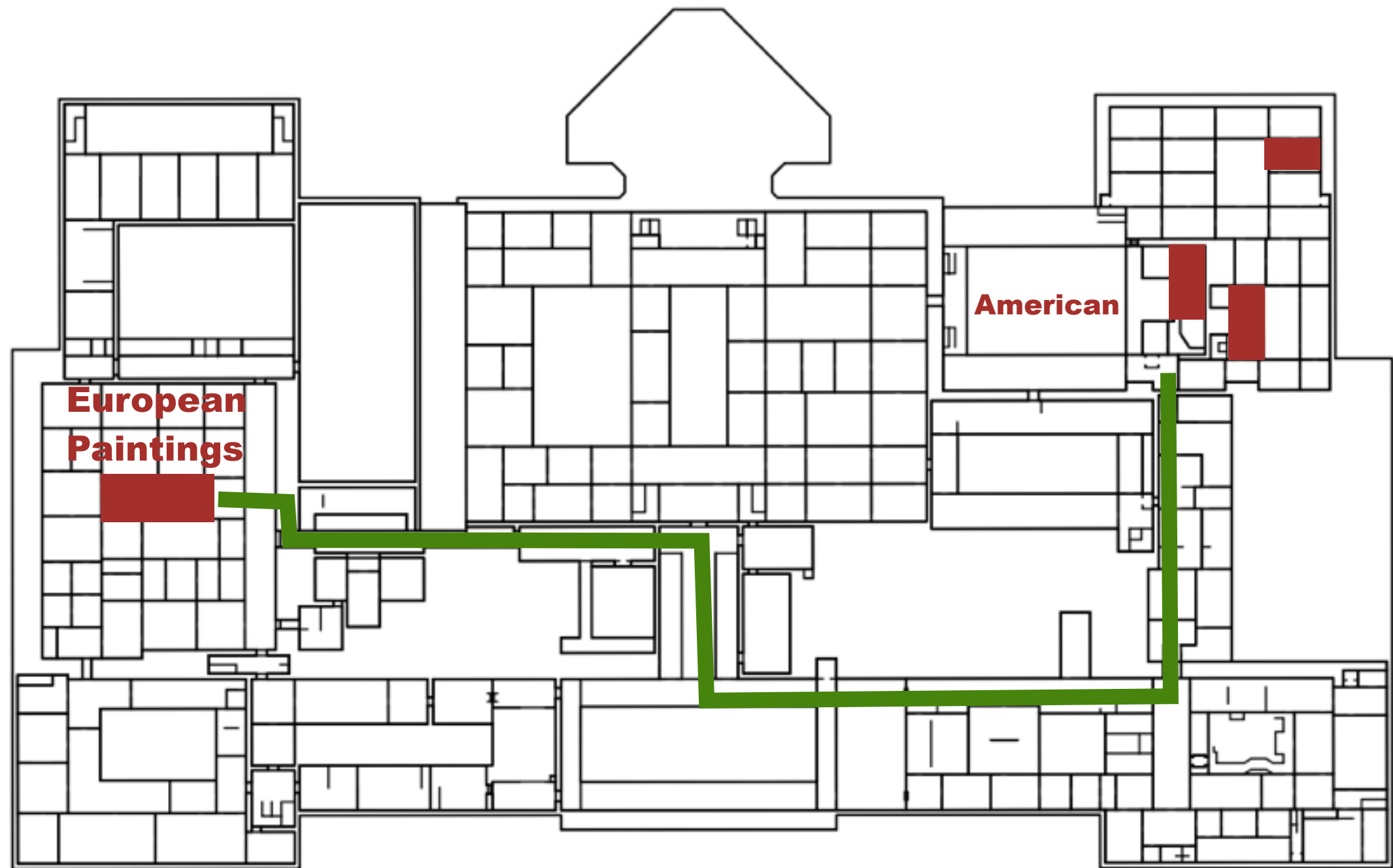George Washington before the Battle of Trenton
John Trumbull

Weaning the Calves
Rosa Bonheur

Original Map

European
Paintings

Modern
Art

American

European
Paintings

Musical
Instruments

Asian Art

Photographs
Greek &
Roman

Middle
Eastern

NEW MAP

CONCLUSIONS

- **Text can provide a nice foundation**

- **How you analyze and filter the data is really important**

- **Personalization can make a museum visit more enjoyable**

THANK YOU

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