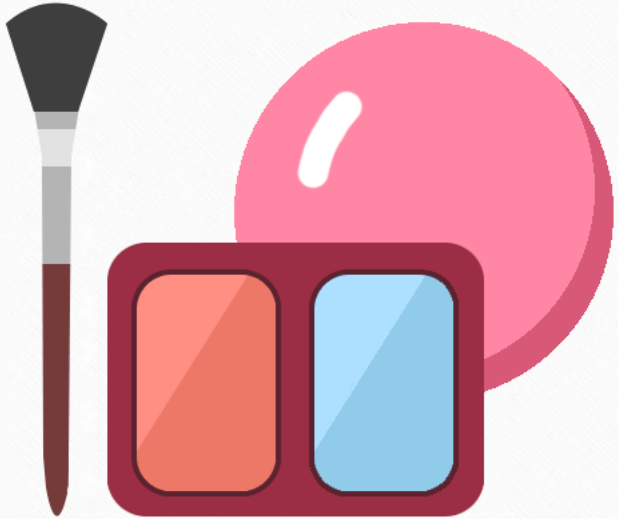
Beauty and the Beast

Team 8



CONTENTS

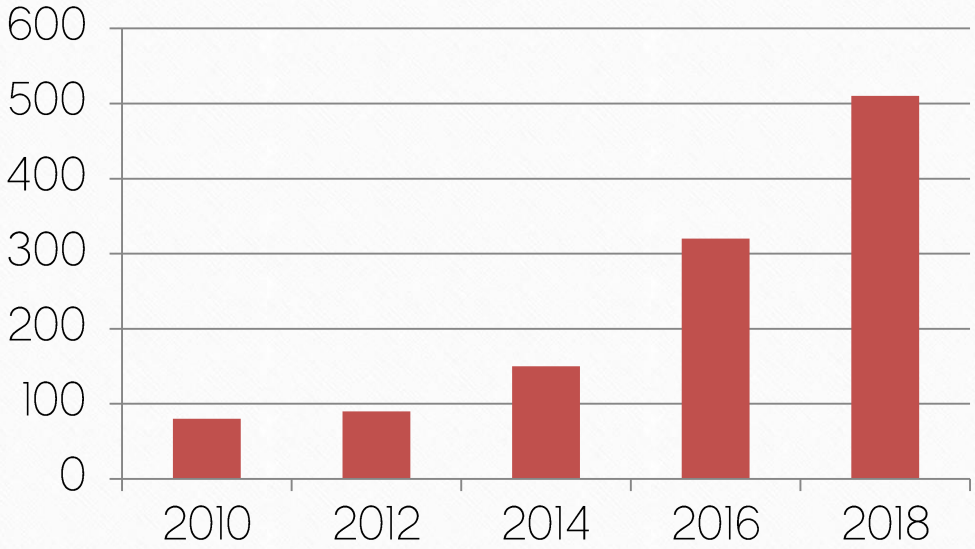
01 BACKGROUND

02 OVERVIEW

03 DEVELOPMENT

01 BACKGROUND

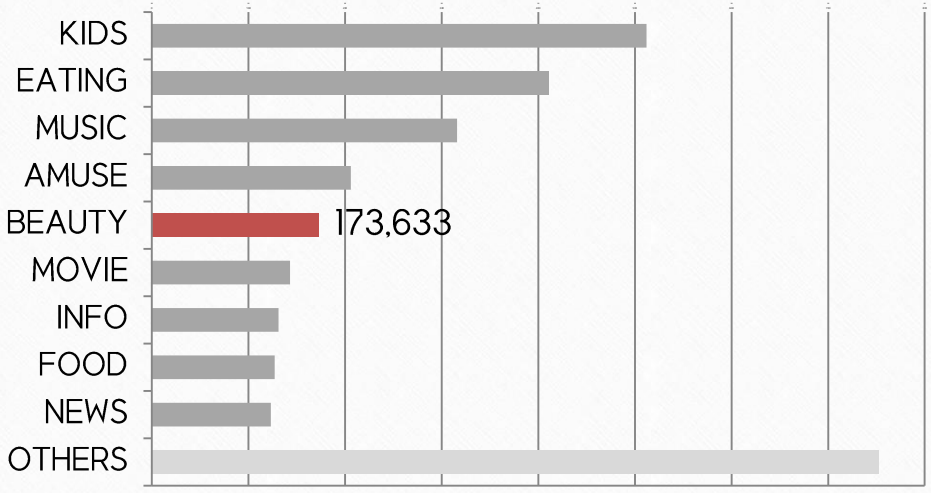
Annual exports of cosmetics



Reference: KITA

- About 5 billion dollars
- 30% increase

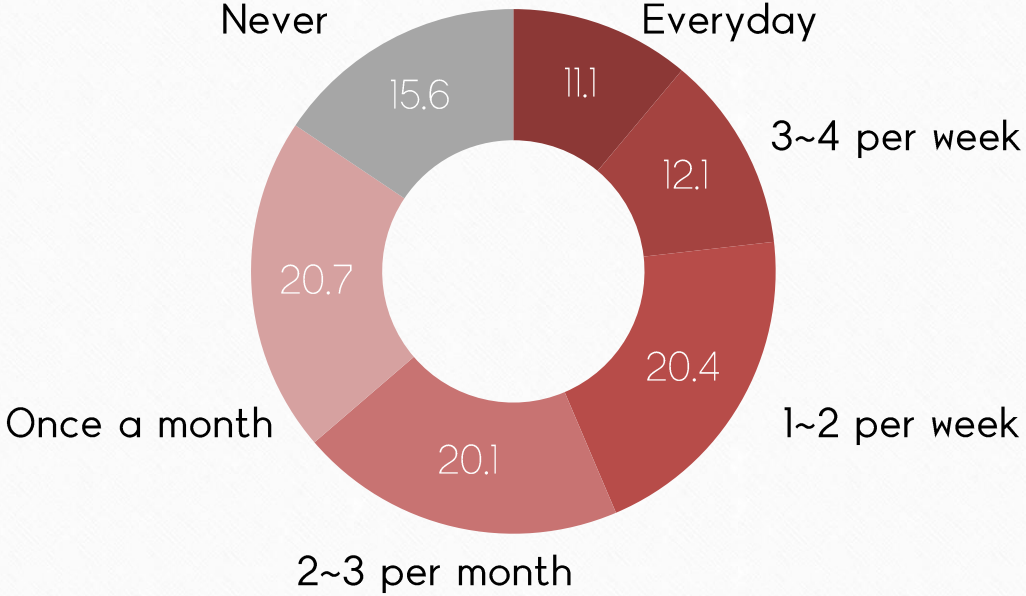
2019 Average Subscribers (Except TV, Media)



Reference: Newsroom

- About 170,000 of subscribers

Beauty contents viewing frequency



- 85% of people have watched the beauty contents

Reference: MezzoMedia

?!

01 BACK

[화장초보] (eng,jp,spanish sub) 베이스 메이크업 / 파운데이션 바르는 방법 / basemakeup / ベースメイク / maquillarse

조회수 5,520,959회 • 2018. 1. 11.

13만 1.5천 공유 저장 ...

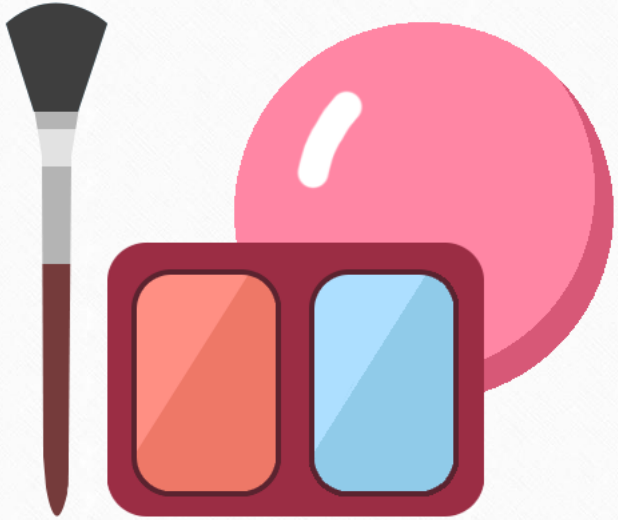
5,520,959 views

[Eng] 아침마다 10분! 완벽 베이스 메이크업 따라하기 I 이사배(Risabae Makeup)

조회수 3,952,272회 • 2017. 6. 21.

4.7만 1.1천 공유 저장 ...

3,952,272 views



02 OVERVIEW

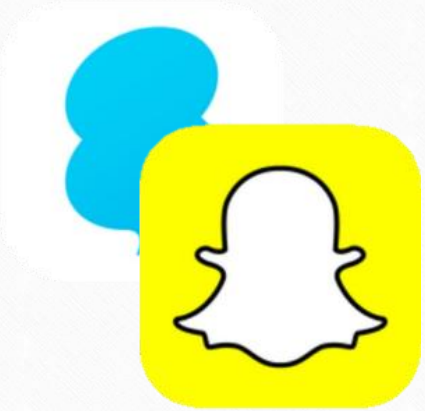
Take a selfie
(with no makeup)

Find celebrities
with a similar face

Apply the makeup
of celebrity

Find similar celebrities

+



Face filtering

=

Fusion

03 DEVELOPMENT

Front

Server

Retrofit

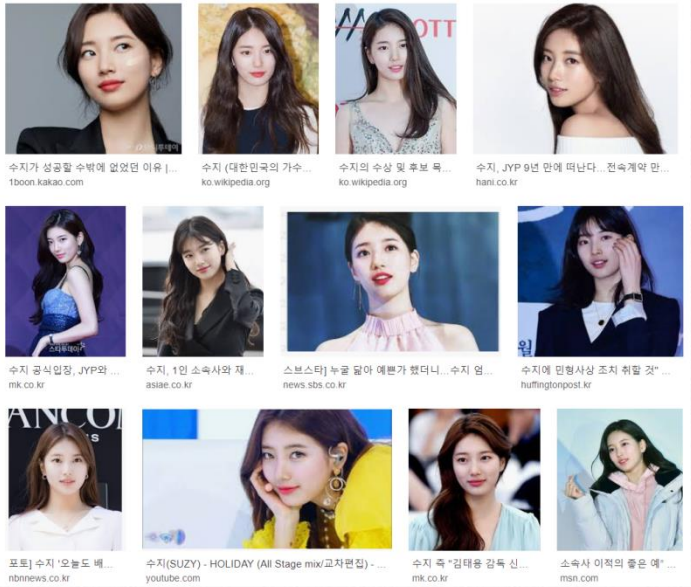
AWS EC2

Android
JAVA

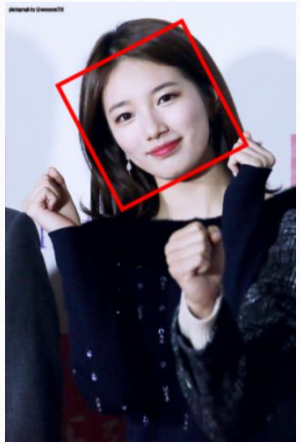
TensorFlow

python

CNN model
Machine learning



icrawler



imutils

Google search

Crawling

Extraction

Thank you

Reference

http://file.mk.co.kr/imss/write/20190312131442__00.pdf

http://newsroom.bigfoot9.com/2019/05/22

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