타 상품 대비 할인율이 높은 상품
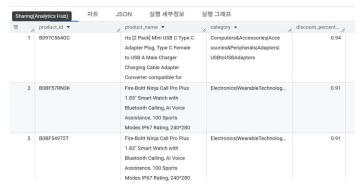```sql
WITH AVERAGE AS (
  SELECT ROUND(AVG(discount_percentage), 2) AS avg_discount
  FROM supple-moon-464902-i1.0715_Project.amazon
)

SELECT product_id, product_name, category, discount_percentage
FROM supple-moon-464902-i1.0715_Project.amazon AS a
CROSS JOIN AVERAGE AS b
WHERE a.discount_percentage > b.avg_discount
ORDER BY discount_percentage DESC;
```

← 쿼리 결과

| 행 | product_id | product_name | category | discount_percent... |
|---|---|---|---|---|
| 1 | B097C564GC | rts [2 Pack] Mini USB C Type C Adapter Plug, Type C Female to USB A Male Charger Charging Cable Adapter Converter compatible for | Computers&Accessories\|Accessories&Peripherals\|Adapters\|USBtoUSBAdapters | 0.94 |
| 2 | B0BF57RN3K | Fire-Boltt Ninja Call Pro Plus 1.83" Smart Watch with Bluetooth Calling, AI Voice Assistance, 100 Sports Modes IP67 Rating, 240*280 | Electronics\|WearableTechnolog... | 0.91 |
| 3 | B0BF54972T | Fire-Boltt Ninja Call Pro Plus 1.83" Smart Watch with Bluetooth Calling, AI Voice Assistance, 100 Sports Modes IP67 Rating, 240*280 | Electronics\|WearableTechnolog... | 0.91 |

# 90퍼 이상 폭탄세일!!
```sql
SELECT product_id, product_name, category, discount_percentage
FROM supple-moon-464902-i1.0715_Project.amazon
WHERE discount_percentage >= 0.9
ORDER BY discount_percentage DESC;
```

← 쿼리 결과

작업 정보   결과   차트   JSON   실행 세부정보   실행 그래프

행	product_id	product_name	category	discount_percent...
1	B097C564GC	rts [2 Pack] Mini USB C Type C Adapter Plug, Type C Female to USB A Male Charger Charging Cable Adapter Converter compatible for	Computers&Accessories|Accessories&Peripherals|Adapters|USBtoUSBAdapters	0.94
2	B0BF57RN3K	Fire-Boltt Ninja Call Pro Plus 1.83" Smart Watch with Bluetooth Calling, AI Voice Assistance, 100 Sports Modes IP67 Rating, 240*280	Electronics|WearableTechnolog...	0.91
3	B0BF54972T	Fire-Boltt Ninja Call Pro Plus	Electronics|WearableTechnolog...	0.91

전품목 최저가 상품 TOP 10 (할인반영)
SELECT product_id, product_name, discounted_price
FROM supple-moon-464902-i1.0715_Project.amazon
ORDER BY discounted_price
LIMIT 10;

| | 작업 정보 | 결과 | 차트 | JSON | 실행 세부정보 | 실행 그래프 |

행	product_id ▼	product_name ▼	discounted_price ▼
1	B08TDJ5BVF	E-COSMOS 5V 1.2W Portable Flexible USB LED Light (Colours May Vary, Small, EC-POF1)	39.0
2	B00MFPCY5C	GIZGA essentials Universal Silicone Keyboard Protector Skin for 15.6-inches Laptop (5 x 6 x 3 inches)	39.0
3	B00URH5E34	Inventis 5V 1.2W Portable Flexible USB LED Light Lamp (Colors may vary)	39.0

카테고리 품절 임박 상품!! 선착순 마지막 물량 대기중
SELECT
  TRIM(SPLIT(category, '|')[SAFE_OFFSET(0)]) AS top_cate,
  TRIM(SPLIT(category, '|')[SAFE_OFFSET(1)]) AS mid_cate,
  TRIM(SPLIT(category, '|')[SAFE_OFFSET(2)]) AS sub_cate,
  ROUND(AVG(discount_percentage), 2) AS avg_discount,
  ROUND(AVG(SAFE_CAST(rating AS FLOAT64)), 2) AS avg_rating,
  COUNT(product_id) AS num_product,
  SUM(discounted_price) AS price
FROM supple-moon-464902-i1.0715_Project.amazon
GROUP BY top_cate, mid_cate, sub_cate
ORDER BY num_product;

← 쿼리 결과   🖫 결과 저장 ▾   📊 ㄷ

| | 작업 정보 | 결과 | 차트 | JSON | 실행 세부정보 | 실행 그래프 |

행	top_cate ▼	mid_cate ▼	sub_cate ▼	avg_discount ▼	avg_rating ▼	num_product ▼	price ▼
1	Electronics	Cameras&Photography	VideoCameras	0.75	3.7	1	499.0
2	Computers&Accessories	NetworkingDevices	DataCards&Dongles	0.35	3.8	1	2099.0
3	Car&Motorbike	CarAccessories	InteriorAccessories	0.42	3.8	1	2339.0
4	Electronics	Headphones,Earbuds&Accessor...	Earpads	0.9	3.8	1	99.0
5	Electronics	Cameras&Photography	Flashes	0.6	3.8	1	799.0
6	Home&Kitchen	CraftMaterials	Scrapbooking	0.21	3.9	1	130.0
7	Computers&Accessories	Accessories&Peripherals	UninterruptedPowerSupplies	0.2	3.9	1	3299.0
8	Health&PersonalCare	HomeMedicalSupplies&Equipm...	HealthMonitors	0.53	4.0	1	899.0
9	Electronics	HomeTheater,TV&Video	AVReceivers&Amplifiers	0.36	4.0	1	1990.0
10	HomeImprovement	Electrical	Adapters&Multi-Outlets	0.57	4.0	1	425.0

```sql
# 리뷰수 + 고평점 상품
WITH cnt_re AS (
  SELECT product_id, SUM(ARRAY_LENGTH(SPLIT(user_id, ','))) AS cnt_review
  FROM supple-moon-464902-i1.0715_Project.amazon
  GROUP BY product_id
),
avg_re AS (
  SELECT ROUND(AVG(cnt_review), 2) AS avg_review
  FROM cnt_re
),
cnt_ra AS (
  SELECT product_id, MAX(rating_count) AS rating_count
  FROM supple-moon-464902-i1.0715_Project.amazon
  GROUP BY product_id
),
avg_ra AS (
  SELECT ROUND(AVG(rating_count), 2) AS avg_rating
  FROM cnt_ra
)

SELECT
  a.product_id,
  a.product_name,
  cnt_re.cnt_review,
  avg_re.avg_review,
  a.rating,
  cnt_ra.rating_count,
  avg_ra.avg_rating
FROM supple-moon-464902-i1.0715_Project.amazon AS a
JOIN cnt_re
  ON a.product_id = cnt_re.product_id
JOIN cnt_ra
  ON a.product_id = cnt_ra.product_id
JOIN avg_re
  ON TRUE
JOIN avg_ra
  ON TRUE
WHERE cnt_re.cnt_review > avg_re.avg_review
  AND cnt_ra.rating_count > avg_ra.avg_rating
  AND SAFE_CAST(a.rating AS FLOAT64) >= 4.0
GROUP BY
  a.product_id,
  a.product_name,
  cnt_re.cnt_review,
  avg_re.avg_review,
  cnt_ra.rating_count,
  avg_ra.avg_rating,
  a.rating
ORDER BY cnt_re.cnt_review DESC;
```

← 쿼리 결과   결과 저장 ▾   다

작업 정보   결과   차트   JSON   실행 세부정보   실행 그래프

행	product_id	product_name	cnt_review	avg_review	rating	rating_count	avg_rating
1	B098NS6PVG	Ambrane Unbreakable 60W / 3A Fast Charging 1.5m Braided Type C Cable for Smartphones, Tablets, Laptops & other Type C	24	8.51	4.0	43994	17644.52
2	B07JW9H4J1	Wayona Nylon Braided USB to Lightning Fast Charging and Data Sync Cable Compatible for iPhone 13, 12,11, X, 8, 7, 6, 5, iPad Air, Pro, Mini (3 FT	24	8.51	4.2	24270	17644.52
3	B08HDJ86NZ	boAt Deuce USB 300 2 in 1 Type-C & Micro USB Stress	24	8.51	4.2	94364	17644.52