

What are the top 5 brands by receipts scanned for most recent month?

```
WITH RecentReceipts AS (  
    SELECT id, date_trunc('month', dateScanned) AS scan_month  
    FROM Receipts  
    WHERE dateScanned >= date_trunc('month', CURRENT_DATE)  
)  
SELECT b.name AS brand_name, COUNT(*) AS receipts_scanned  
FROM Brands b  
JOIN ReceiptItems ri ON b.barcode = ri.barcode  
JOIN RecentReceipts rr ON ri.receipt_id = rr.id  
WHERE EXTRACT(MONTH FROM rr.scan_month) = EXTRACT(MONTH FROM  
CURRENT_DATE)  
    AND EXTRACT(YEAR FROM rr.scan_month) = EXTRACT(YEAR FROM  
CURRENT_DATE)  
GROUP BY b.name  
ORDER BY receipts_scanned DESC  
LIMIT 5;
```

Some additional query used to create tables

```
CREATE TABLE CPG (  
    cpg_id UUID PRIMARY KEY,  
    ref VARCHAR(255) NOT NULL  
);
```

```
CREATE TABLE Users (  
    _id UUID PRIMARY KEY,  
    state VARCHAR(255) NOT NULL,  
    created_Date TIMESTAMP NOT NULL,  
    lastLogin TIMESTAMP NOT NULL,  
    role VARCHAR(255) NOT NULL DEFAULT 'CUSTOMER',
```

```
    signUpSource VARCHAR(255) NOT NULL,  
    active BOOLEAN NOT NULL  
);
```

```
CREATE TABLE ReceiptItems (  
    item_id SERIAL PRIMARY KEY,  
    receipt_id UUID NOT NULL,  
    barcode VARCHAR(255) NOT NULL,  
    description VARCHAR(255) NOT NULL,  
    finalPrice DECIMAL(8, 2) NOT NULL,  
    itemPrice DECIMAL(8, 2) NOT NULL,  
    needsFetchReview BOOLEAN NOT NULL,  
    partnerItemId VARCHAR(255) NOT NULL,  
    preventTargetGapPoints BOOLEAN NOT NULL,  
    quantityPurchased BIGINT NOT NULL,  
    userFlaggedBarcode VARCHAR(255) NOT NULL,  
    userFlaggedNewItem BOOLEAN NOT NULL,  
    userFlaggedPrice DECIMAL(8, 2) NOT NULL,  
    userFlaggedQuantity BIGINT NOT NULL,  
    FOREIGN KEY (receipt_id) REFERENCES Receipts(id)  
);
```

```
CREATE TABLE Receipts (  
    id UUID PRIMARY KEY,  
    bonusPointsEarned INT NOT NULL,  
    bonusPointsEarnedReason VARCHAR(255) NOT NULL,  
    createDate TIMESTAMP NOT NULL,  
    dateScanned TIMESTAMP NOT NULL,  
    finishedDate TIMESTAMP NOT NULL,
```

```
    modifyDate TIMESTAMP NOT NULL,  
    pointsAwardedDate TIMESTAMP NOT NULL,  
    pointsEarned DECIMAL(8, 2) NOT NULL,  
    purchaseDate TIMESTAMP NOT NULL,  
    purchasedItemCount BIGINT NOT NULL,  
    rewardsReceiptStatus VARCHAR(255) NOT NULL,  
    totalSpent DECIMAL(8, 2) NOT NULL,  
    user_id UUID NOT NULL,  
    FOREIGN KEY (user_id) REFERENCES Users(_id)  
);
```

```
CREATE TABLE Brands (  
    _id UUID PRIMARY KEY,  
    barcode VARCHAR(255) NOT NULL,  
    category VARCHAR(255) NOT NULL,  
    categoryCode VARCHAR(255) NOT NULL,  
    cpg_id UUID NOT NULL,  
    name VARCHAR(255) NOT NULL,  
    topBrand BOOLEAN NOT NULL,  
    brandCode VARCHAR(255) NOT NULL,  
    FOREIGN KEY (cpg_id) REFERENCES CPG(cpg_id)  
);
```