SquadStack

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Sql Code:

```
use squad;

select * from sample_longlist_data_new;

SELECT
    REGEXP_SUBSTR(
    sellerdetails,
    '([a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,})'
    ) AS extracted_email
FROM
    sample_longlist_data_new;

alter table sample_longlist_data_new add column EmailAddress
varchar(255);

UPDATE sample_longlist_data_new
SET EmailAddress = REGEXP_SUBSTR(
    sellerdetails,
    '([a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,})'
);

select * from sample_longlist_data_new;

set sql_safe_updates=0;
```
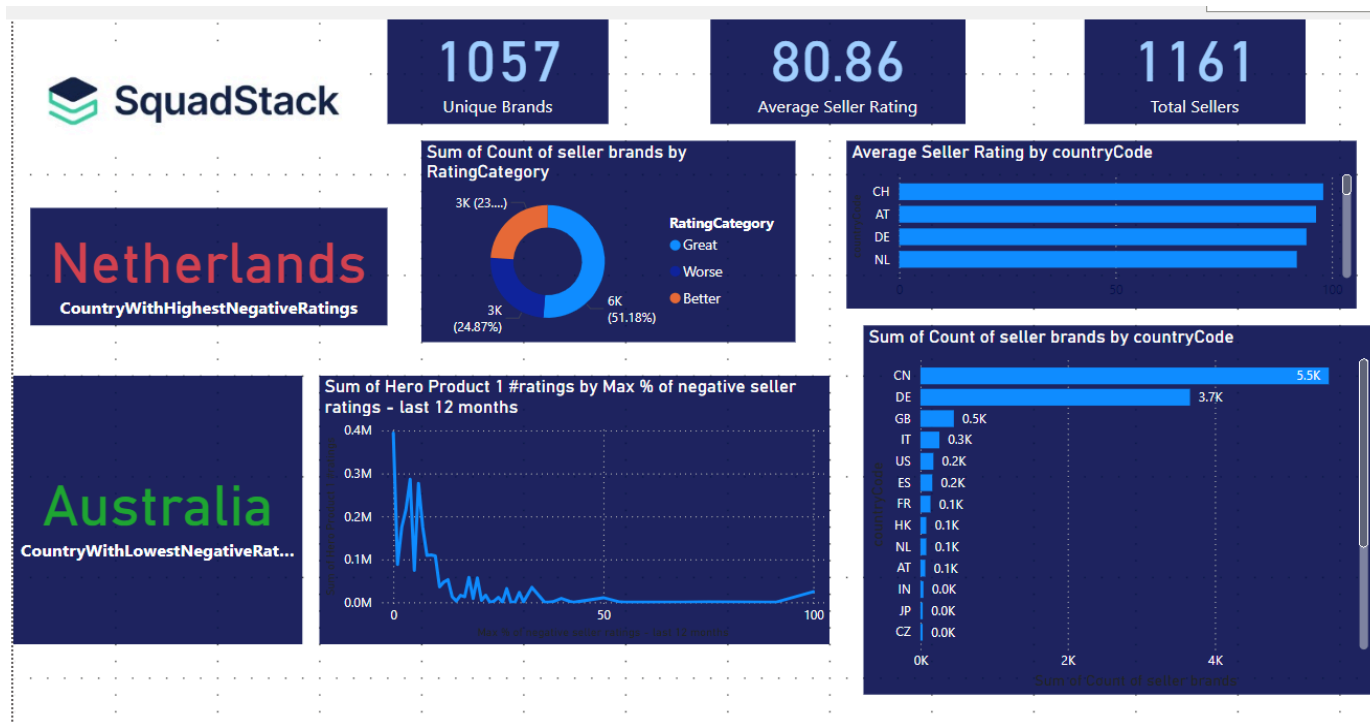
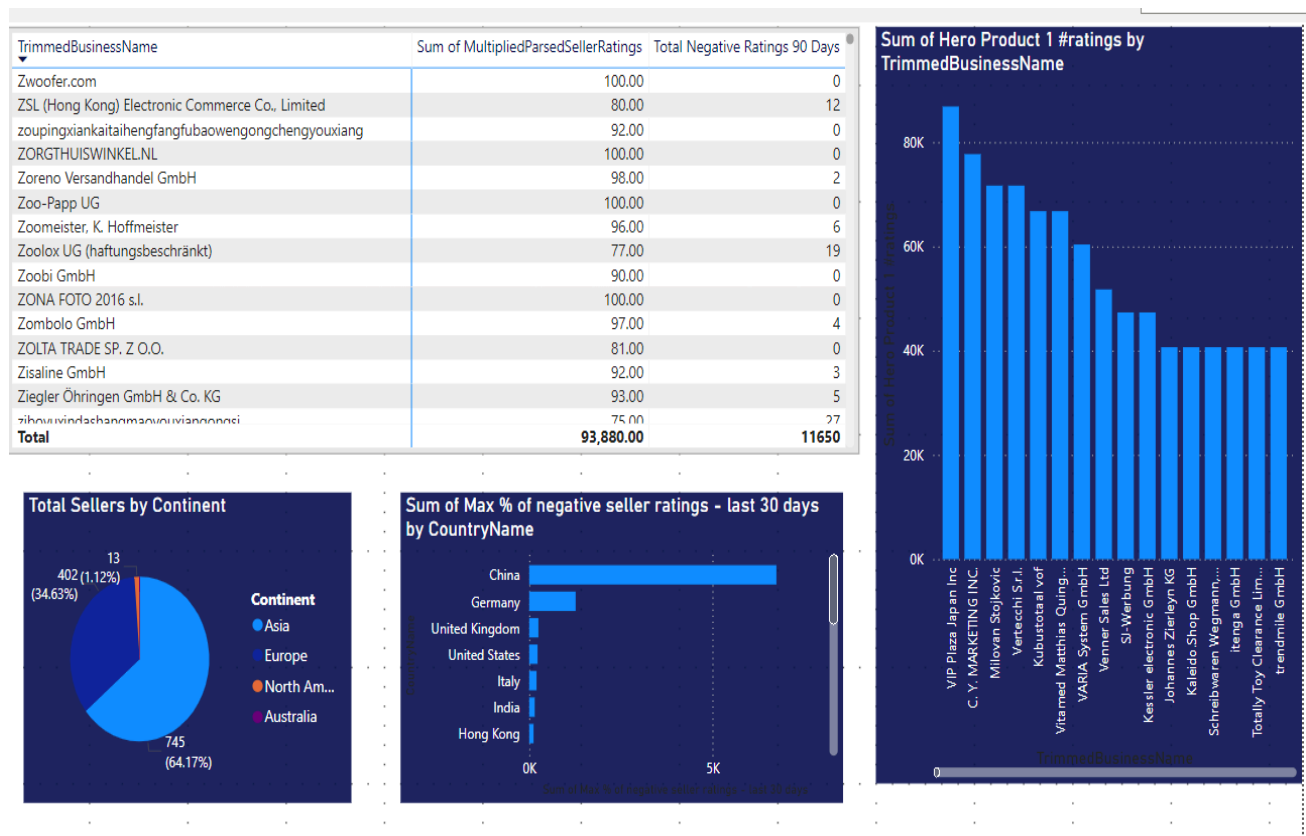The above code is used for extracting the email address from the
given data

Power BI :

1. **Top Left (Netherlands - Country With Highest Negative Ratings):** Highlights the country with the highest percentage of negative seller ratings, indicating potential areas of concern.

2. **Top Center (KPIs - Unique Brands, Average Seller Rating, Total Sellers):** Displays key performance indicators showing the total number of unique brands, the average seller rating, and the total number of sellers in the dataset.

3. **Top Right (Average Seller Rating by Country):** A bar chart that compares the average seller ratings across different countries, with Switzerland (CH) and Austria (AT) leading in ratings.

4. **Middle Center (Sum of Count of Seller Brands by Rating Category):** A donut chart categorizing sellers into 'Great,' 'Better,' and 'Worse' based on their ratings, showing the distribution of seller quality.

5. **Middle Right (Sum of Count of Seller Brands by Country):** Bar chart visualizing the number of seller brands per country, with China (CN) and Germany (DE) having the most brands.
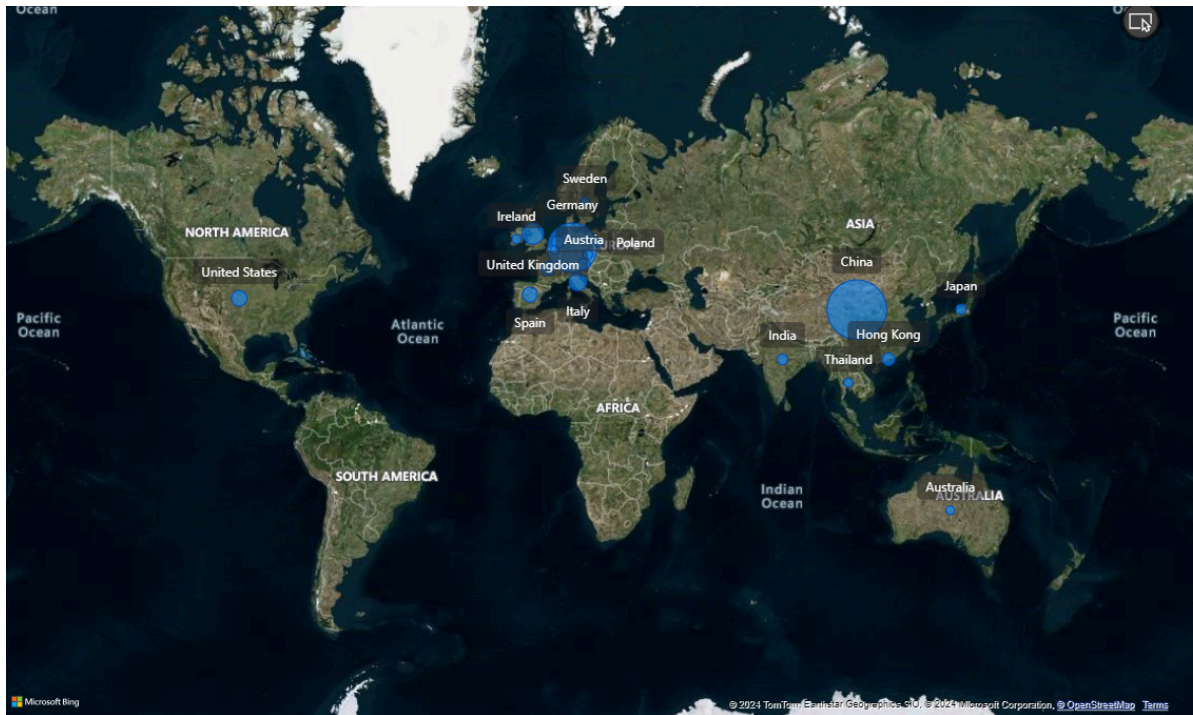
6. **Bottom Left (Australia - Country With Lowest Negative Ratings):** Identifies Australia as the country with the lowest percentage of negative seller ratings, suggesting a positive seller reputation.

7. **Bottom Center (Sum of Hero Product 1 #ratings by Max % of Negative Seller Ratings - Last 12 Months):** Line chart showing the correlation between the number of ratings for Hero Product 1 and the maximum percentage of negative seller ratings over the last 12 months, highlighting trends in seller performance.

TrimmedBusinessName	Sum of MultipliedParsedSellerRatings	Total Negative Ratings 90 Days
Zwoofer.com	100.00	0
ZSL (Hong Kong) Electronic Commerce Co., Limited	80.00	12
zoupingxiankaitaihengfangfubaowengongchengyouxiang	92.00	0
ZORGTHUISWINKEL.NL	100.00	0
Zoreno Versandhandel GmbH	98.00	2
Zoo-Papp UG	100.00	0
Zoomeister, K. Hoffmeister	96.00	6
Zoolox UG (haftungsbeschränkt)	77.00	19
Zoobi GmbH	90.00	0
ZONA FOTO 2016 s.l.	100.00	0
Zombolo GmbH	97.00	4
ZOLTA TRADE SP. Z O.O.	81.00	0
Zisaline GmbH	92.00	3
Ziegler Öhringen GmbH & Co. KG	93.00	5
zibovuyindashangmaoyouyiangongsi	75.00	27
Total	**93,880.00**	**11650**

1. **Top Left (Table - TrimmedBusinessName and Ratings):** Displays a table listing businesses along with their summed parsed seller ratings and total negative ratings over the past 90 days, providing a detailed view of individual seller performance.

2. **Top Right (Bar Chart - Sum of Hero Product 1 #ratings by TrimmedBusinessName):** A bar chart showing the total number of ratings for Hero Product 1 by each business, helping to identify top-performing products by seller.

3. **Bottom Left (Pie Chart - Total Sellers by Continent):** A pie chart breaking down the total number of sellers by continent, with the majority coming from Europe and Asia, giving insights into geographic distribution.

4. **Bottom Right (Bar Chart - Sum of Max % of Negative Seller Ratings - Last 30 Days by Country):** Visualizes the maximum

percentage of negative seller ratings in the last 30 days by country, highlighting China and Germany as countries with higher negative ratings.

The above map points to the seller's country