Data Analysis Goals	Syntax code	Outcome
Getting the Average Days to Settle Invoices per Country	SELECT country, ROUND(AVG(days_to_settle)) AS ave_settled_days FROM yellevate_invoices GROUP BY country ORDER BY ave_settled_days DESC	<table><tr><th>country character varying</th><th>ave_settled_days numeric</th></tr><tr><td>1 Russia</td><td>29</td></tr><tr><td>2 United States</td><td>28</td></tr><tr><td>3 France</td><td>28</td></tr><tr><td>4 Spain</td><td>25</td></tr><tr><td>5 China</td><td>23</td></tr></table>
Getting the Average Days to Settle Invoice Disputes per Country	SELECT country, ROUND(AVG(days_to_settle)) AS ave_settled_days FROM yellevate_invoices GROUP BY country, disputed HAVING disputed = 1 ORDER BY ave_settled_days DESC	<table><tr><th>country character varying</th><th>ave_settled_days numeric</th></tr><tr><td>1 United States</td><td>41</td></tr><tr><td>2 Russia</td><td>38</td></tr><tr><td>3 Spain</td><td>37</td></tr><tr><td>4 France</td><td>34</td></tr><tr><td>5 China</td><td>34</td></tr></table>

Getting the percentage of Dispute Lost per Country	SELECT country,
	    COUNT(disputed) AS dispute_request,
	    SUM(dispute_lost) AS lost_dispute,
	    ROUND(SUM(dispute_lost) / COUNT(disputed)*100,2) AS dispute_lost_percentage
	FROM yellevate_invoices
	WHERE disputed = 1
	GROUP BY country
	ORDER BY lost_dispute DESC;
		<table><tr><th>country
		character varying</th><th>dispute_request
		bigint</th><th>lost_dispute
		numeric</th><th>dispute_lost_percentage
		numeric</th></tr><tr><td>1 France</td><td>222</td><td>76</td><td>34.23</td></tr><tr><td>2 Russia</td><td>149</td><td>13</td><td>8.72</td></tr><tr><td>3 China</td><td>61</td><td>5</td><td>8.20</td></tr><tr><td>4 Spain</td><td>59</td><td>4</td><td>6.78</td></tr><tr><td>5 United States</td><td>80</td><td>3</td><td>3.75</td></tr></table>

Getting the disputed Cases percentage per Country	SELECT country,
	    SUM(disputed) AS total_disputed,
	    COUNT(DISTINCT invoice_number) AS total_invoice,
	    ROUND(SUM(disputed)/COUNT(DISTINCT invoice_number)*100,2)
	AS disputed_cases_percentage
	FROM yellevate_invoices
	GROUP BY country
	ORDER BY disputed_cases_percentage DESC
		<table><tr><th>country
		character varying</th><th>total_disputed
		numeric</th><th>total_invoice
		bigint</th><th>disputed_cases_percentage
		numeric</th></tr><tr><td>1 France</td><td>222</td><td>561</td><td>39.57</td></tr><tr><td>2 Russia</td><td>149</td><td>387</td><td>38.50</td></tr><tr><td>3 United States</td><td>80</td><td>506</td><td>15.81</td></tr><tr><td>4 Spain</td><td>59</td><td>396</td><td>14.90</td></tr><tr><td>5 China</td><td>61</td><td>616</td><td>9.90</td></tr></table>

Getting the Revenue Lost per Country for dispute lost	SELECT country, SUM(invoice_amount_usd) AS revenue_loss FROM yellevate_invoices WHERE dispute_lost = 1 GROUP BY country ORDER BY revenue_loss DESC	

	country character varying	revenue_loss numeric
1	France	526264
2	Russia	81291
3	China	42630
4	United States	22936
5	Spain	17046

FOR THE REPORT DATA:

Data Analysis Goals	Syntax code	Outcome

Total Dispute count and Lost Percentage per country	SELECT country,
	        COUNT(disputed) AS total_disputed,
	        SUM(dispute_lost) AS dispute_lost,
	        ROUND(SUM(dispute_lost)/COUNT(disputed)*100,2) AS lost_percentage
	FROM yellevate_invoices
	WHERE disputed = 1
	GROUP BY country
	ORDER BY lost_percentage DESC
	
	OR THIS SYNTAX:
	
	SELECT country,
	        SUM(disputed) AS total_disputed,
	        SUM(dispute_lost) AS dispute_lost,	

	country character varying	total_disputed bigint	dispute_lost numeric	lost_percentage numeric
1	France	222	76	34.23
2	Russia	149	13	8.72
3	China	61	5	8.20
4	Spain	59	4	6.78
5	United States	80	3	3.75

	ROUND(SUM(dispute_lost)/SUM(disputed)*100,2) AS lost_percentage FROM yellevate_invoices GROUP BY country ORDER BY lost_percentage DESC	

Disputed Cases Percentage	SELECT country,
	    SUM(disputed) AS total_disputed,
	    COUNT(DISTINCT invoice_number) AS total_invoice,
	    ROUND(SUM(disputed)/COUNT(DISTINCT invoice_number)*100,2)
	AS disputed_cases_percentage
	FROM yellevate_invoices
	GROUP BY country
	ORDER BY disputed_cases_percentage DESC	

	country character varying	total_disputed numeric	total_invoice bigint	disputed_cases_percentage numeric
1	France	222	561	39.57
2	Russia	149	387	38.50
3	United States	80	506	15.81
4	Spain	59	396	14.90
5	China	61	616	9.90