

a. What is the average loan amount for borrowers who are more than 5 days past due?

```
-- a. What is the average loan amount for borrowers who are more than 5 days past due?
--
SELECT round(AVG(loan_amount) ,2) as avg_loan_amt
FROM borrowers
WHERE days_left_to_pay_current_emi > 5 AND delayed_payment = 'Yes';
--
```

Result :

The average loan amount for borrowers who are more than 5 days past due is:
55252.49

Note :

- `days_left_to_pay_current_emi > 5`: This condition filters the data to only include rows where the number of days left to pay the current EMI (Equated Monthly Instalment) is greater than 5. This means the borrower is more than 5 days ahead of their payment schedule.
- `delayed_payment = 'Yes'`: This condition filters the data to only include rows where the `delayed_payment` column is equal to 'Yes'. However, this condition seems to be incorrect, as it would filter out borrowers who are ahead of their payment schedule. It's likely that the condition should be `delayed_payment = 'No'` to include only borrowers who are not delayed in their payments.

b. Who are the top 10 borrowers with the highest outstanding balance?

```
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SELECT b.id, b.name, b.loan_amount - COALESCE(SUM(r.payment_mode), 0) as outstanding_balance
FROM borrowers b
LEFT JOIN repayment_history r ON b.id = r.borrower_id
GROUP BY b.id, b.name, b.loan_amount
ORDER BY outstanding_balance DESC
LIMIT 10;
```

Output :

	id	name	outstanding_balance
1	3 7 0 2	Adira Sekhon	9 9 9 9 9 . 0
2	3 5 4 3	Neysa Ahluwalia	9 9 9 8 5 . 0
3	1 2 7 3	Shlok Kothari	9 9 9 4 4 . 0
4	4 7 4 2	Manikya Shroff	9 9 9 4 4 . 0
5	4 0 7 3	Riya Gera	9 9 9 3 1 . 0
6	1 9 7 2	Nishith Sarin	9 9 8 9 6 . 0
7	2 3 0 5	Kartik Keer	9 9 8 7 5 . 0
8	1 5 9 5	Vaibhav Sharaf	9 9 8 5 1
9	8 1 5	Rasha Ratti	9 9 8 4 4 . 0
1	2 0 8 8	Shamik Gaba	9 9 8 3 4 . 0

Note : This question is a bit tricky because the `borrowers` table doesn't have a column for outstanding balance. We can assume that the outstanding balance is the loan amount minus the total payments made by the borrower. However, the `borrowers` table doesn't have a column for total payments made. We can use the `repayment_history` table to calculate the total payments made, but it would require a join and a subquery.

c. List of all borrowers with good repayment history

```
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SELECT b.id, b.name
FROM borrowers b
WHERE b.id NOT IN (
    SELECT r.borrower_id
    FROM repayment_history r
    WHERE r.payment_date > (SELECT loan_term FROM borrowers WHERE id = r.borrower_id)
);
```

Output :

5	Kartik Kade
12	Saira Dani
13	Jayant Balan
14	Nehmat Ramakrishnan
25	Ritvik Devi
32	Yashvi Korpai
37	Fateh Vasa
38	Shlok Kamdar
41	Jivika Bail
42	Ritvik Lad

43	Tara Gaba
56	Yakshit Agarwal
57	Tiya Seth
63	Nayantara Shah
69	Abram Zacharia
75	Trisha Bhavsar
91	Purab Kapur
109	Shayak Ahuja
110	Ivana Zacharia
114	Tara Dave
120	Pari Loke
124	Sara Sabharwal
129	Darshit Chatterjee
132	Anvi Chawla
140	Arnav Goel
151	Mishti Ram

167	Miraan Sarma
170	Stuvan Sami
174	Arnav Bhatt
179	Piya Deol
180	Ojas Wali
191	Divit Basak
192	Yuvaan Garg
194	Vardaniya Bhargava
201	Yuvaan Chandran
217	Dishani Deshmukh
220	Anahita Saxena
225	Pranay Handa
234	Shamik Dugar
249	Dharmajan Kale
251	Rasha Sarna
260	Rohan Sarkar

265	Aayush Seth
268	Purab Jaggi
275	Kiara Wali
281	Vedika Kanda
295	Navya Sarin
317	Ryan Bath
329	Tiya Chhabra
337	Arhaan Chana
344	Nitara Dayal
357	Neysa Rao
361	Samar Devi
363	Tushar Kapur
364	Mamooty Ray
378	Anya Chauhan
381	Rohan Sami
394	Sahil Dugar

410	Stuvan Rattan
413	Ahana Bath
414	Trisha Mann
417	Ishita Suresh
422	Samar Kumar
423	Nitya Boase
426	Drishya Bains
430	Rati Subramaniam
432	Inaaya Bhatti
435	Uthkarsh Soman
438	Reyansh Bahri
446	Heer Sane
454	Damini Rajagopal
468	Sara Mann
471	Divit Rau
481	Rhea Devi

487	Kavya Devi
491	Nitya Grover
499	Samar Joshi
504	Khushi Char
505	Devansh Batra
508	Ryan Chauhan
515	Shamik Sharaf
536	Tiya Kari
541	Nakul Apte
550	Ahana Bains
560	Gatik Sarraf
563	Yuvaan Kibe
567	Hiran Kohli
576	Anyra Chandra
577	Anika Datta
587	Armaan Dayal

594	Khushi Warrior
596	Nakul Bhalla
600	Adah Lanka
601	Kismat Shenoy
603	Azad Dey
604	Baiju Kumar
605	Ishaan Sura
614	Myra Sharma
637	Ivan Salvi
640	Charvi Korpai
644	Sana Kara
647	Vivaan Shah
650	Mehul Dhawan
654	Himmat Contractor
668	Advika Korpai
681	Miraan Varma

691	Shayak Bhatnagar
697	Seher Dyal
698	Krish Gara
703	Farhan Mangal
707	Vardaniya Subramaniam
709	Pranay Vora
711	Azad Bala
724	Indrajit Bansal
726	Armaan Shenoy
729	Lakshay Suri
730	Dishani Rastogi
738	Shray Vala
755	Shaan Chaudhari
758	Jayant Swamy
759	Anahita Salvi
760	Aniruddh Jhaveri

761	Aarav Bansal
769	Miraya Brar
774	Sana Garde
776	Aarush Borra
777	Vedika Bhattacharyya
778	Kabir Deep
787	Riya Sahota
790	Uthkarsh Bhatia
806	Kiaan Kuruvilla
813	Azad Kurian
824	Vaibhav Jayaraman
829	Dhanush Gole
831	Keya Khalsa
836	Adah Bora
840	Kimaya Lanka
842	Heer Jayaraman

844	Yuvraj Dhingra
864	Kismat Sehgal
867	Divyansh Gaba
870	Shalv Ramachandran
873	Yasmin Divan
875	Urvi Chatterjee
882	Ahana Roy
887	Rasha Babu
905	Riaan Mangat
909	Gokul Aggarwal
918	Sumer Kashyap
923	Aarav Dada
952	Veer Jhaveri
957	Keya Bahri
960	Manjari Dhar

963	Darshit Krishnamurthy
966	Saksham Yogi
968	Nitya Chanda
974	Anyasha
986	Khushi Kakar
991	Samar Sawhney
993	Bhavin Jhaveri
100 2	Reyansh Dua
100 4	Anaya Shenoy
101 2	Abram Bala
102 1	Divij Krishnamurthy
103 3	Aayush Babu

103 4	Aradhya Sahota
103 6	Mishti Samra
104 8	Dhruv Kadakia
106 0	Aarna Dora
106 1	Tanya Agrawal
106 2	Rhea Goda
106 4	Prisha Chandra
107 3	Aaryahi Saran
108 7	Zain Andra
108 9	Prerak Barman

109 1	Ahana Sampath
109 5	Prerak Halder
109 8	Zaina Doctor
1103	Veer Sankar
1105	Zeeshan Shah
1108	Vihaan Samra
1109	Vanya Bumb
1118	Tarini Lad
1121	Nakul Sangha
1122	Sahil Aurora
1123	Kaira Madan
1125	Farhan Dutt
1130	Nehmat Kanda
1134	Ehsaan Lad

1142	Indrajit Vig
1145	Aaina Chowdhury
1148	Advik Seth
1162	Oorja Malhotra
1164	Keya Keer
1168	Mahika Shroff
1170	Elakshi Shan
1173	Yashvi Deol
1187	Anahita Sur
120 2	Drishya Borah
121 0	Dishani Ganguly
121 2	Ehsaan Chakrabarti
121 6	Rasha Dhar

122 5	Vanya Desai
122 6	Drishya Bobal
126 8	Advik Tak
127 1	Yakshit Subramaniam
127 9	Alisha Mangat
128 6	Raghav Bora
129 4	Hridaan Chandra
129 5	Prisha Tandon
130 5	Myra Saraf
130 8	Hiran Behl

131 5	Advika Sankar
131 7	Vedika Bakshi
132 6	Misha Mahajan
133 3	Nitya Din
133 8	Drishya Grover
135 0	Yuvaan Lall
135 9	Heer Bandi
136 0	Yuvaan Basak
136 9	Uthkarsh Brahmbhatt
138 7	Onkar Garg

138 8	Dhanush Ravi
139 7	Yashvi Thakur
141 6	Zoya Chakrabarti
141 8	Seher Buch
144 4	Azad Rege
146 4	Ela Bath
147 7	Mehul Kalla
148 1	Jayant Soman
148 9	Nirvaan Chatterjee
149 1	Piya Wason

149 2	Ivan Keer
150 0	Veer Arora
150 4	Advika Bhatt
151 5	Piya Dada
152 6	Saksham Sharma
153 3	Indranil Guha
154 9	Inaaya Raman
155 4	Kiaan Sangha
155 5	Rania Gola
156 0	Advik Chowdhury

156 1	Kiaan Soman
156 5	Suhana Bora
156 8	Alia Shroff
157 4	Hrishita Atwal
157 9	Hiran Sarkar
158 4	Ishaan Chana
158 7	Tushar Cherian
159 5	Vaibhav Sharaf
159 9	Amira Gill
160 6	Aradhya Edwin

1609	Myra Bali
1611	Romil Kapadia
1630	Vaibhav Mann
1638	Armaan Bedi
1645	Emir Brahmbhatt
1650	Veer Rau
1661	Armaan Kashyap
1665	Yakshit Tata
1672	Yashvi Chokshi
1677	Hiran D'Alia

168 0	Akarsh Bala
168 4	Navya Kulkarni
170 1	Vidur Gopal
170 7	Biju Chaudhary
171 6	Samiha Biswas
172 9	Ishita Badal
173 3	Trisha Grewal
173 6	Zara Choudhary
173 7	Aaina Bath
174 0	Aarav Sami

175 0	Kismat Gole
175 1	Abram Bera
176 3	Kartik Wason
177 2	Akarsh Sarma
177 6	Divij Desai
178 2	Kabir Badal
178 4	Jiya Vora
178 6	Drishya Ranganathan
179 7	Rasha Dhillon
180 2	Shamik Sandhu

1811	Anika Sani
181 2	Himmat Kale
181 3	Inaaya Chopra
181 6	Yakshit Garde
181 7	Mannat Andra
182 4	Pari Sanghvi
183 3	Miraya Sampath
184 8	Diya Bhatia
185 0	Hunar Balasubramanian
185 7	Drishya Mammen

186 3	Nayantara Varkey
187 8	Zoya Dash
187 9	Elakshi Dave
188 8	Adira Arya
189 3	Bhamini Bahl
189 4	Yuvraj Bahl
190 6	Sahil Gaba
190 8	Yuvraj Tandon
191 0	Anahita Choudhury
191 2	Faiyaz Sarin

191 4	Emir Shroff
192 3	Vivaan Andra
193 3	Ela Bala
193 5	Misha Raja
194 0	Indranil Upadhyay
196 6	Anvi Sule
197 0	Tanya Lata
197 1	Abram Jaggi
197 8	Hrishita Dash
197 9	Alia Sabharwal

198 1	Emir Chatterjee
198 4	Ela Mahajan
199 0	Mohanlal Upadhyay
199 3	Suhana Chana
199 4	Anay Devi
199 6	Vihaan Basu
199 9	Pari Batra
200 3	Myra Dhaliwal
200 5	Divit Gour
200 6	Zaina Halder

201 3	Saanvi Solanki
201 4	Aayush Bhasin
202 7	Hrishita Vala
203 3	Aarna Agarwal
203 5	Hrishita Cheema
204 6	Baiju Vyas
204 7	Anvi Sandhu
204 8	Anika Hayer
205 2	Neelofar Mand
205 6	Rhea Khalsa

205 7	Myra Konda
207 6	Pranay Dhar
208 3	Dishani Lad
210 2	Faiyaz Ramakrishnan
210 8	Ishita Ramakrishnan
2114	Vritika Dani
2116	Zara Dara
2117	Hazel Kaur
212 0	Hiran Bali
212 2	Ishaan Bumb
213 5	Nishith Shanker

213 7	Romil Biswas
214 9	Jayesh Gokhale
215 9	Keya Jhaveri
216 1	Lagan Vig
216 6	Dharmajan Seshadri
217 1	Chirag Varghese
217 9	Rania Ravel
219 9	Vaibhav Chand
220 9	Farhan Bhattacharyya
221 6	Sahil Kata

221 8	Zara Upadhyay
223 2	Vidur Wable
223 4	Amani Kaul
223 7	Saksham Balan
223 8	Krish Barad
224 1	Vedika Dua
224 2	Adah Grover
225 0	Indrans Mander
225 1	Yashvi Sodhi
227 2	Lagan Gokhale

227 3	Nayantara Ramesh
227 8	Seher Sabharwal
227 9	Adira Handa
228 7	Advik Comar
229 4	Nayantara Thakur
230 4	Anahi Sahota
231 2	Sahil Cheema
231 5	Zaina Chada
232 8	Samarth Hans
233 3	Hansh Master

234 2	Devansh Kale
234 5	Amani Sen
235 2	Nehmat Sarna
236 0	Veer Basak
237 1	Eshani Keer
237 4	Vaibhav Gade
237 6	Hazel Choudhury
238 8	Dhanuk Tripathi
239 7	Nirvi Gade
240 5	Piya Dyal

241 3	Chirag Kothari
241 5	Myra Butala
242 4	Kiara Kurian
242 6	Ranbir Walla
244 8	Reyansh Roy
246 1	Yashvi Hari
247 0	Jayesh Sachdev
247 4	Samiha Kohli
251 7	Zara Saha
252 5	Manjari Mannan

254 9	Kismat Chander
256 0	Prerak Chanda
257 2	Sumer Lata
257 3	Nehmat Jha
257 5	Vihaan Cheema
257 6	Pranay Anne
258 0	Krish Gopal
258 4	Ivana Raj
258 8	Aradhya Sundaram
259 5	Dharmajan Dhillon

260 7	Madhup Rajan
262 2	Manjari Arora
262 5	Anay Dixit
264 3	Hiran Hans
264 4	Ishaan Bahri
265 0	Divyansh Sathe
266 0	Miraya Deshpande
266 4	Farhan Brahmbhatt
267 0	Uthkarsh Chowdhury
267 1	Jayesh Raju

267 9	Armaan Deshmukh
268 6	Piya Cheema
269 4	Krish Bhatia
271 2	Rohan Bhakta
271 3	Rhea Talwar
271 7	Jayesh Mandal
272 2	Eva Agate
272 5	Jhanvi Mand
272 7	Aradhya Barad
273 2	Nakul Uppal

273 8	Bhamini Sant
273 9	Aradhya Toor
275 2	Vedika Tak
277 2	Emir Kala
277 5	Anahi Tank
279 7	Neelofar Majumdar
280 7	Hunar Ramanathan
281 9	Ishita Mall
282 3	Mehul Atwal
283 5	Aaryahi Trivedi

283 6	Tarini Tella
283 7	Advik Agarwal
283 8	Aayush Deshmukh
283 9	Advik Saxena
284 2	Anika Agrawal
284 4	Riaan Hari
284 5	Diya Virk
285 3	Baiju Din
285 5	Vanya Iyengar
286 4	Pranay Kari

287 6	Kavya Cherian
287 8	Kabir Manda
288 7	Rhea Ratti
290 2	Urvi Virk
290 7	Piya Chhabra
291 5	Aayush Kashyap
292 3	Kartik Chanda
295 2	Riya Karan
295 5	Anaya Dutta
296 4	Anahi Ramanathan

296 8	Tejas Kalita
298 2	Samarth Kaul
299 1	Lakshay Sastry
300 3	Jivin Chaudhary
300 6	Veer Rao
300 7	Indrans Batta
302 0	Zaina Halder
303 1	Baiju Dugal
303 2	Darshit Saha
303 6	Ira Chatterjee

303 7	Saira Sani
304 1	Aniruddh Ratta
304 8	Tiya Barad
305 0	Heer Kapur
305 1	Badal Hans
305 2	Dhanuk Ratta
306 1	Hazel Kanda
306 8	Advik Chadha
307 1	Vihaan Bora
307 6	Taimur Dora

308 3	Parinaaz Kurian
308 6	Indrajit Deo
3118	Dharmajan Dhillon
313 8	Divit Soman
314 2	Aradhya Uppal
315 0	Nirvaan Bhargava
316 5	Shaan Kari
316 7	Saira Buch
316 9	Zaina Shanker
317 1	Kiaan Sethi

317 2	Neelofar Dugar
318 3	Ishita Apte
319 6	Bhavin Bala
321 0	Elakshi Bora
3211	Shayak Varughese
321 3	Divyansh Dora
322 5	Renee Hayer
323 0	Trisha Dyal
323 1	Ela Tak
324 3	Mehul Wali

325 1	Kabir Buch
325 2	Ehsaan Tata
326 8	Lakshit Krishnan
327 1	Anay Buch
327 7	Ishita Boase
328 6	Kaira Mall
329 8	Ehsaan Sidhu
330 2	Kaira Kashyap
331 3	Hiran Mandal
332 2	Vaibhav Tripathi

332 4	Indranil Atwal
333 1	Ryan Saha
333 2	Aarna Varma
333 7	Parinaaz Kar
334 3	Bhamini Thakur
334 5	Ayesha Comar
334 8	Aarush Jaggi
336 5	Anaya Lad
336 6	Aniruddh Kibe
336 8	Dharmajan Sunder

337 2	Kashvi Apte
337 5	Kimaya Dutta
338 2	Yuvaan Sen
339 2	Bhavin Verma
340 6	Zara Swaminathan
340 8	Pranay Ahluwalia
341 8	Kanav Gade
342 6	Hiran Brahmbhatt
343 5	Alisha Sant
344 6	Alia Baral

346 1	Priyansh Datta
346 2	Miraan Mani
346 5	Divij Dani
346 9	Gokul Ranganathan
347 0	Nayantara Lal
349 2	Kashvi Jayaraman
349 4	Mohanlal Dugar
349 5	Hiran Sama
349 9	Neysa Vala
350 5	Devansh Kala

350 7	Jayan Walia
351 0	Madhup Din
351 3	Elakshi Wagle
351 7	Advika Chandra
351 9	Ritvik Brar
353 4	Uthkarsh Viswanathan
354 0	Badal Desai
355 8	Stuvan Vig
356 1	Aayush Solanki
356 9	Drishya Kurian

359 4	Vivaan Bose
360 1	Eshani Dugar
360 4	Fateh Din
360 7	Aarna Shankar
364 1	Tejas Shenoy
364 3	Aaina Deshpande
364 8	Aradhya Bahri
364 9	Ranbir Dua
366 7	Reyansh Barad
367 1	Shamik Bal

367 2	Zeeshan Raj
368 4	Ritvik Deshmukh
369 7	Kiara Trivedi
369 8	Yuvaan Tailor
370 1	Divij Khalsa
370 3	Nitya Bahri
370 4	Taran Uppal
370 9	Jhanvi Choudhary
371 2	Trisha Gaba
372 1	Aradhya Sanghvi

372 3	Rania Zacharia
372 5	Himmat Bobal
372 9	Elakshi Goda
373 8	Adira Deo
374 3	Dharmajan Madan
374 6	Inaaya Krishnamurthy
374 8	Taran Krishnamurthy
375 3	Miraan Sangha
375 4	Taran Varghese
375 7	Tara Virk

376 0	Tarini Khosla
376 3	Khushi Khatri
377 4	Reyansh Mane
378 3	Jayesh Kadakia
378 5	Himmat Bhardwaj
378 9	Shamik Kapadia
380 1	Adah Hora
381 0	Farhan Bedi
3811	Jiya Sarkar
381 9	Anyia Bhavsar

382 2	Vardaniya Garg
382 5	Amira Virk
382 6	Keya Dhaliwal
383 2	Tiya Subramaniam
384 5	Hrishita Babu
384 8	Rati Lall
385 9	Ira Sama
386 4	Nitya Sodhi
387 0	Vedika Majumdar
387 6	Emir Lanka

388 1	Damini Bali
388 7	Amira Soni
3911	Shayak Agrawal
391 7	Kabir Rama
392 2	Aniruddh Madan
392 6	Tejas Karnik
393 2	Kashvi Ghose
393 5	Raghav Bumb
393 8	Bhamini Jha
394 1	Mehul Madan

394 7	Kiaan Gokhale
395 2	Khushi Varughese
395 3	Indrajit Dewan
396 6	Kanav Chowdhury
396 9	Vanya Rau
397 1	Prisha Chada
397 4	Nishith Chaudry
397 8	Seher Hora
399 1	Mehul Thaman
399 4	Rati Char

400 3	Yuvaan Brar
401 2	Akarsh Sandhu
401 3	Advika Chopra
401 9	Farhan Sinha
403 5	Akarsh Saran
403 6	Umang Bansal
405 6	Manikya Varughese
406 0	Dhanush Chandra
406 7	Damini Doshi
407 4	Samarth Ramaswamy

407 9	Shanaya Mahal
408 5	Farhan Sinha
408 8	Nitya Shankar
409 3	Sahil Suri
409 7	Parinaaz Ray
409 9	Anahi Choudhry
410 3	Shaan Kapadia
410 4	Jayesh Srivastava
410 9	Romil Sami
4116	Alia Kar

4118	Onkar Char
4140	Eva Sengupta
4157	Divij Bains
4160	Advika Dhillon
4163	Bhamini Chad
4166	Gokul Gala
4176	Jivika Kala
4181	Nehmat Vohra
4190	Aaina Loke
4198	Advik Jain

420 0	Mishti Sani
420 2	Pranay Upadhyay
420 6	Madhup Thaman
4211	Nitara Yadav
421 9	Zain Lanka
422 0	Sahil Srivastava
423 0	Misha Bath
423 1	Vardaniya Dhillon
423 3	Ayesha Ram
424 0	Rati Kar

424 2	Divij Dhar
425 4	Parinaaz Hora
425 7	Saksham Chopra
426 5	Seher Apte
426 7	Himmat Shah
426 9	Mannat Wali
427 5	Advik Bail
427 6	Ishaan Chawla
427 8	Nitya Sandhu
428 0	Riaan Dara

428 2	Armaan Bora
428 6	Badal Banerjee
428 7	Indranil Yogi
428 9	Vivaan Setty
429 6	Alisha Dasgupta
430 0	Dhruv Maharaj
431 0	Mannat Gill
433 0	Ivan Garg
434 2	Parinaaz Toor
434 7	Kartik Viswanathan

435 0	Kiara Dhawan
435 4	Aarav Dasgupta
436 0	Tanya Karpe
436 2	Hazel Khurana
437 0	Zoya Chaudry
437 4	Baiju Bhasin
438 4	Kavya Issac
438 6	Zaina Ganesan
438 9	Lagan Sami
439 8	Biju Mall

440 3	Vidur Chhabra
441 3	Zeeshan Chokshi
441 6	Abram Karan
441 8	Tarini D'Alia
442 1	Mohanlal Kapadia
442 2	Yasmin Keer
442 4	Romil Wali
443 5	Purab Sankar
444 3	Kavya Cherian
444 4	Ivan Khanna

444 6	Tejas Choudhury
445 1	Suhana Arya
445 3	Hiran Thaman
447 5	Hazel Toor
448 0	Kaira Zacharia
448 4	Shanaya Banik
448 7	Yashvi Gupta
449 6	Armaan Borah
449 7	Ivan Ratti
450 2	Heer Wable

450 5	Vritika Malhotra
450 6	Advika Bhasin
450 7	Manjari Korpai
451 5	Eshani Behl
451 8	Nirvi Chandran
452 0	Rohan Sha
452 6	Nitara Khosla
454 3	Vivaan Contractor
455 2	Yashvi Chandra
455 7	Himmat Bassi

455 9	Dharmajan Grover
456 4	Navya Shere
456 5	Sara Saran
456 6	Ahana Master
457 0	Lagan Sarraf
457 9	Aayush Thakkar
458 2	Amani Bassi
458 7	Gokul Raj
459 3	Kaira Thakur
460 4	Vritika Dugar

461 7	Adah Bhattacharyya
462 6	Damini Behl
463 3	Abram Srivastava
464 3	Adah Sengupta
464 6	Jayant Bhardwaj
464 9	Drishya Varkey
465 8	Anay Date
467 0	Mishti Banik
467 8	Riya Sidhu
469 5	Tanya Bajwa

470 8	Tushar Dave
471 0	Adah Das
471 7	Kismat Bath
471 8	Mamooty Bala
472 3	Mohanlal Sem
472 6	Bhavin Ramakrishnan
472 9	Ira Rastogi
473 9	Indrans Gade
474 8	Samarth Sachar
475 5	Jiya Bassi

476 4	Aniruddh Kulkarni
477 5	Kimaya Koshy
478 1	Anahita Raja
478 9	Veer Viswanathan
480 2	Faiyaz Salvi
481 5	Aarav Bala
481 7	Kimaya Barad
482 4	Yakshit Dara
483 0	Divyansh Ranganathan
483 8	Vedika Chopra

483 9	Mishti Kibe
485 2	Miraya Baria
488 0	Jivika Ben
488 5	Indranil Hayre
489 3	Dhanush Bala
490 2	Oorja Vora
490 3	Aniruddh Bora
490 4	Adah Raman
490 5	Ivan Bail
491 2	Urvi Korpai

491 5	Reyansh Sankaran
491 7	Divyansh Bail
492 8	Akarsh Raja
493 3	Akarsh Bhagat
493 7	Ivan Karan
493 9	Anay Kar
494 5	Diya Sehgal
495 2	Aaina Kala
495 4	Ranbir Manne
496 9	Biju Chatterjee

498 6	Siya Badami
498 9	Adah Dash
500 0	Saanvi Kala

Note : Assuming "good repayment history" means that the borrower has made all payments on time

d. Brief analysis wrt loan type

Get a brief analysis of loan types, you can use the following queries:

1. Number of loans by type:

```
-- 1 Number of loans by type:
SELECT loan_type, COUNT(*) as num_loans
FROM borrowers
GROUP BY loan_type;
```

Output :

	loan_type	num_loans	
1	Auto Loan	1 6 6 0	
2	Home Loan	1 6 6 0	
3	Personal Loan	1 6 8 0	

2. Average loan amount by type :

```
-- 2 Average loan amount by type:
--
SELECT loan_type, AVG(loan_amount) as avg_loan_amount
FROM borrowers
GROUP BY loan_type;
```

Output :

	loan_type	avg_loan_amount	
1	Auto Loan	5 5 2 9 8 . 7 3 3 1 3 2 5 3 0 1	
2	Home Loan	5 5 6 1 3 . 1 1 3 8 5 5 4 2 1 7	
3	Personal Loan	5 4 9 7 1 . 8 7 6 1 9 0 4 7 6 2	

3. Outstanding loan amount by type:

```
-- 3 Outstanding loan amount by type:

SELECT loan_type, SUM(loan_amount) - COALESCE(SUM(r.payment_mode), 0) as outstanding_loan_amount
FROM borrowers b
LEFT JOIN repayment_history r ON b.id = r.borrower_id
GROUP BY loan_type
ORDER BY outstanding_loan_amount DESC;
```

Output :

	loan_type	outstanding_loan_amount
1	Personal Loan	3 9 6 7 0 1 6 4 6 .0
2	Home Loan	3 9 1 2 1 0 1 0 8 .0
3	Auto Loan	3 9 0 7 6 2 7 7 5 .0