

Automated AI Solution for Cash Reconciliation in Commercial Real Estate

Speaker 1 (00:01)

So these are the projects that I worked on in constant global solutions The first project that I worked on was an automated agendic AI automation for cash reconciliation so the client was a multi-million dollar commercial real estate provider and they had multiple property managers and multiple properties under these property managers who were basically in charge of collecting monthly rent and other payments from the tenance they wanted a service that helped us track the monthly due that was generated for each time and uh from the payments that came into the bank identified which tenant made the payment and how much payment they made and what does it reconcile against so in every due that is generated for a client let's say a client could have different line items saying rent insurance you know operating expenses electricity and so on right so it differs based on the client whatever you know contract or agreement they have made with the sorry the first based on the tenant based on

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what contract they have made with that client so every month they due is generated which we call as the open amount and the tenant makes a payment either through direct wire transfer or they Put a check-in a lot box or they sometimes make a cash payments to the property manager who records them and you know makes the cash deposits in

the bank so these banks statements are taken uh we identify which 10 made the payment based on different criteria you know we used large language models to understand the data and to automatically you know identify the tenant identify the amount and then we had a reconciliation agent who would look at the open amount Don't look at the payment that came in and then you know reconcile the payment to the different line items so in this we know we had to automate the entire process where we tracked the dues that were you know that were not closed that were not paid by the tent Carry forward to the next month and see if the next months payment you know is kind of

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cancelling that out that is if they have paid for that together or you know kind of create a BI dashboard to show our client and you know the different stakeholders in our client client team what amount spending and 10 twice report saying you know this is what was the due that was generated for the tenant this is what they paid they have paid excess or their paidless or their reconciled correctly so this kind of be a reports were also generated at the end of this particular Process so it was an overall end-to-end from bank statement ingestion to you know a master data ingestion to monthly generated due data ingestion and then you know from there we started our automated pipeline to understand basically you had to match the tenant name or any sort of identification that was there in the bank statement to our 10 master to identify this is that made the payment and then after that we looked at the 10 we looked at the payment that

was made we reconciled that and we know told okay so if it was fully

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reconciled then every line item is stick to if it was not fully reconciled then you know we had to we created an automated system to tell okay for the payment that was received this is the line items that they reconciled for and this is still pending or if they paid excess you know we reconcile everything and we say you still have so much excess pending so this was project number one that I worked on and this was in the finance domain uh specifically in the cash reconciliation domain and once the recensboard that was you know shown to our stakeholder for them to keep a track of who's made the payment how much depending how much is come in and all that