id									
10	Ph	nases/categories	identifier	CSFs/challenoes (literature)	Description	SAULTON .	bout (Reminoscote)	Outout	Prosible Al took
1				Cor sychimendes (literature)	Access to contextual information such as process models.	sources	PROUI (RECUPEMENTS)	Gureat	POSSIDIN Al-100%
- 1			1.1		business rules, policy documents, legal and regulatory				
				Availability of contextual information	requirements that can aid process mining [18], [19].	Mans et al. Mamudu et al.			
					Identifying questions or project goal(s), selecting business processes to be mined and composing the project team to				
			1.2		Identifying questions or project goal(s), selecting business processes to be mined and composing the project team to execute process mining initiatives [18].				
				Planning (Process selection)	It is unclear what process properties are important [22].	Marrudu et al., Grisold et al.			
- 1		Define research question				, 201 00000 001	Process knowledge (e.g. Process models etc.) (3) husiness		manual task. But "random" Proess Analyses, like with the Proactive Insights Engine (64), may result in (new) research questions.
1	Defin				rine composition of teams and expert groups involved in process mining projects. Two main configurations namely: Established		Process knowledge (e.g. Process models, etc.) [3], business rules, policy documents, legal and regulatory requirements, possible projectleam-members	selected business process [3], composed project team [3], project goals, defined research questions [3], [4]	
					The composition of learns and expert groups involved in process mining projects. Two main configurations namely. Established unbs: An internal team dedicated to ex-acuting process mining initiatives. E.g., a Centree of Excellence (OSE). Adv on unbs: A group of experts assembled from df-fairent departments within the organization to execute process mining projects as and when required [18].		possible projectteam-members	py gone, cereau research questions [3], [4]	
					group of experts assembled from dif-ferent departments within the				
			1.3	Team configuration	organisation to execute process mining projects as and when				
				· ·	required [18].				
					Lack of interdisciplinary and cross-functional teams: PM suffers from a lack of interdisciplinary and cross-functional teams covering sponsors, IT, and data specialists as well as business users and project managers [21].				
					covering sponsors, IT, and data specialists as well as business				
					users and project managers [21].	Mamudu et al., Martin et al.			
					The extent to which historical event data is available for process				
					mining analysis [18].				
					Constraining data access barriers: Limited data access across				
					departmental and organizational boundaries restricts PM [21].				
					The availability of event data needed for PM is limited [21].				
					Restriction data privacy regulations: Commission with data privacy				
- 1			2.1	Contract of the contract of th	Restricting data privacy regulations: Compliance with data privacy and security regulations limits the detail of what can be discovered and analyzed through PM [21].	1			
- 1			2.1	Event data availability	and analyzed through PM [21].				
- 1					Difficult handling of unstructured data: PM provides limited support				Parkers and the first transfer data and the second
- 1					Difficult handling of unstructured data: PM provides limited support for exploiting unstructured data that is not available in activity- based semantics or even format [21].			, l	Database crawler to find the belonging databases-, tables and entries,
2		Data collection			There is an asymetry in terms of the permission to access and		process description [3], located systems & databases, database documentation, which historical event data are available	access to the databases, data privacy regulations clarified, raw data exported [3], [4], conceptual data model [4]	Apache OpenNLP [60],
1					There is an asymetry in terms of the permission to access and use of relevant data [22].				Web Scraping Applications (61)
- 1					Delays can occur due to data access, which is often tied to				www.ocopytg.approximates (cr)
- 1					organizational barriers [22].				
- 1					The constant data contains and the conta	Mamudu et al., Martin et al., Grisold et al.			
- 1				I	The required data analytics expertise for the extraction and integration of event data for process mining [18].				
- 1			2.2	Data extraction expertise	Teams who are responsible for data integration often have				
				I '	difficulties to obtain the data since they are not involved in the				
- 1				-	decision-making [22]	Mamudu et al., Grisold et al.			
			2.3	Extraction	Determining the data extraction scope, extracting event data, and transferring process knowledge be-tween business experts and				
					process analysts [18].	Mamudu et al.			
						1			
					Provisions for the extraction and preparation of event data from single or multiple sources for process min-ing based on lessons				
					single or multiple sources for process min-ing based on lessons learnt [18].				
- 1			3.1	Data preprocessing	Complex data preparation: Substantial effort is revained for data				
3					Complex data preparation: Substantial effort is required for data extraction and pre-processing [21].				
					There are data fractions when process run on different systems				Automated Event-log creation (62),
3	Da	ata pre-processing		2	[22].	Mamudu et al., Martin et al.	exported raw data [3]	filtered event-log based on the research questions [3], [4]	PM4KNIME [63]
- 1									
					The data quality considerations and minimum requirements to be met by event logs for process mining [18], [19].				
- 1			3.2	Event-log quality considerations					
- 1			3.2	Evert-log quality considerations					
			32	Event-log quality considerations	Source or event data are often in accurate, noisy, and/or incomplete [21].				
L			32	Everif-log quality considerations	Source or event data are often in accurate, noisy, and/or incomplete [21].	Mans et al., Mamudu et al., Martin et al.			
			32	Evert-log quality considerations	Source or event data are often in accurate, noisy, and/or incomplete (21). Applying process mining techniques to answer quasitions and gain	Mans et al., Marredu et al., Martin et al.			
			3.7	E-vert-log quality considerations	Source or event data are often in accurate, noisy, and/or incomplete [21]. Applying process mining techniques to answer ques-tions and gainstights [19].	Mario et al., Marriotis et al., Martin et al.			
				Everf-og quarry consolerations	Source or event data are offen in accurate, noisy, and/or incomplate (21). Applying process mining techniques to answer ques-tions and gair saignts (19). Insufficient technical skills: The lack of sufficient training in	Marris et al., Miarrodu et al., Martin et al.			
			4.1	Everf-tog quarry considerations	Source or event data are often in accurate, noisy, and/or incomplete [21]. Applying process mining techniques to answer ques-tions and gainstights [19].	Mains et al., Manuslu et al., Martin et al.			
				boerf-tog quarty considerations	Source or event data are often in accurate, noisy, and/or succeptible [21]. Applying process mining storiniques to answer ques-tons and gain engings [19]. Insufficient storincial skills: The lack of sufficient training in terrorized skills required to implement PM is detrimental to setting up and conducting PM [21]. Process processors in self-immediate days for secretarial validation.				
				beef-leg guarly correlated bons Motion and Analysis	Source or event data are often in accurate, noisy, and/or incomplex [71]. Applying process mining techniques to answer ques-tions and gainings [16]. Insufficient technical skills: The lack of sufficient training in technical skills: The lack of sufficient training in exercise skills: required to implement PM in destinant and open and conducting PM [21].	Marris et al., Marrisho et al., Marrish et al. Marris et al., Marrisho et al., Marrish et al.			
					Source or event data or often in accurate, noisy, entire complete [27]. Applying process mining techniques to americ quesitions and gain majors. [10]. Applying process mining techniques to americ quesitions and gain majors. [10] the control of the control	Maro et al. Martin et al. Grisold et al.			
			4.1		Source or event data are often in accurate, noisy, and/or succeptible [21]. Applying process mining storiniques to answer ques-tons and gain engings [19]. Insufficient storincial skills: The lack of sufficient training in terrorized skills required to implement PM is detrimental to setting up and conducting PM [21]. Process processors in self-immediate days for secretarial validation.	Maro et al. Martin et al. Grisold et al.			
					Secure or event data are offices in accurate, recity, and/or recompasis [21]. Applying process mining lacknesses to answer quest-force and pair energies 1(2). Applying process mining lacknesses to answer quest-force and pair energies 1(3). Applying process mining in lacknesses and the contract security in lacknesses and the contract of the pair lacknesses and pair lacknesses and lacknesses and pair lacknesses and lacknesses and pair lacknesses and lacknesses and pair lacknesse	Maro et al. Martin et al. Grisold et al.			
		General	4.1		Secure or event data are offices in accurate, recity, and/or recompasis [21]. Applying process mining lacknesses to answer quest-force and pair energies 1(2). Applying process mining lacknesses to answer quest-force and pair energies 1(3). Applying process mining in lacknesses and the contract security in lacknesses and the contract of the pair lacknesses and pair lacknesses and lacknesses and pair lacknesses and lacknesses and pair lacknesses and lacknesses and pair lacknesse	Maro et al. Martin et al. Grisold et al.			
		General	4.1	Micros and Andron	Exercise on event data are offen in accordar, retries, and/or exceptible [21]. Applying process merally softeness to ensere quesi-force and gain ensights [10]. Resident softeness and solition in the solition of solition of solition in solition in the solition of solition of solition in the solition of s	Mero, et al. Merin et al. Orioid et al.			
		General	4.1		Section for executed and we offlier in accounts, rectiny entirely recognise [27]. Applying process intellig such requires to senser quar-times and gain recognises and process and process and process and gain accounts of the process and process and process and pro- teated and the requirement PMI and determined sets entirely go and controlled [47]. [27]. The process management and sets of the process and and an administration of the process and an administration of the process and an administration of the process and administration of the proce	Maro et al. Martin et al. Grisold et al.			
		General	41	Micros and Andron	Secure or event data are office in accurate, recity, andrier recognise [21]. Applying process mining lackringues to answer quest-force and pair engine 1(2). Applying process mining lackringues are transferred trainvent at this. The lack of auditional training in the contraction of the contraction of the contraction of the accurate process are processed in the contraction of the accurate force and the contraction of the contraction of the contraction of the contraction of the contraction of process management and processed accurate the completion of process mininguish production and office acqualation [21]. The contraction of the contraction of the contraction of processing in processed processing for individual transfer processing in the contraction of processing in the contraction of processin	Mero, et al. Merin et al. Orioid et al.			
	rak	General	4.1	Micros and Andron	Secure or event data are office in accurate, recity, andrier recognise [21]. Applying process mining lackringues to answer quest-force and pair engine 1(2). Applying process mining lackringues are transferred trainvent at this. The lack of auditional training in the contraction of the contraction of the contraction of the accurate process are processed in the contraction of the accurate force and the contraction of the contraction of the contraction of the contraction of the contraction of process management and processed accurate the completion of process mininguish production and office acqualation [21]. The contraction of the contraction of the contraction of processing in processed processing for individual transfer processing in the contraction of processing in the contraction of processin	Mero, et al. Merin et al. Orioid et al.			
	andysis	General	41	Micros and Andron	Security or send data we office in accurate, notiny, andrier recompale [21]. Applying process mining lichtingues to amener quest-force and pair energies (12). Applying process mining lichtingues to amener quest-force and pair energies (12). Applying process miningues (12) and a contract to suring the second pair (12) and the second pair are and contracting [42] [21]. The contracting process miningues qualified with other data and place acqualation [42] and process miningues qualified with other data and place acqualation [42]. Applying in puri contracting processing in the place state and processing processing processing in the place purpose or processing processing in the processing processing processing processing to the processing in the place processing processing to the processing processing processing processing to the processing processin	Mero, et al. Merin et al. Orioid et al.		nquand najpita with different views [5].	Procedus Insights Engine From Process Discoviny to Process Intelligence
4	de entre de participais	General	41 42 43	Micros and Analysis Tend capabilities: Integration capabilities	Security or send data we office in accurate, notiny, andrier recompale [21]. Applying process mining lichtingues to amener quest-force and pair energies (12). Applying process mining lichtingues to amener quest-force and pair energies (12). Applying process miningues (12) and a contract to suring the second pair (12) and the second pair are and contracting [42] [21]. The contracting process miningues qualified with other data and place acqualation [42] and process miningues qualified with other data and place acqualation [42]. Applying in puri contracting processing in the place state and processing processing processing in the place purpose or processing processing in the processing processing processing processing to the processing in the place processing processing to the processing processing processing processing to the processing processin	Morea et al. Marin et al. Grinde et al. Moreado et al., Marin et al.	Evert-Log [3], Process model [3], research quantities [4]	required weights with offlower leves (I)), beaution the researching audition alone a collection (or more some model	[64].
4	Matters & armalysis	General	41	Micros and Androis Tool capabilities: Integration capabilities Tool capabilities: Anancial Scalability	Section or next data we offlier in accounts, rectly, entitive receptive [21]. Applying process intellig such requires to senser quasi-tions and gain accounts of the control of the contr	Merca et al., Martin et al., Grisold et al. Manusch et al., Martin et al., Manusch et al., Martin et al.	Ewel-Leg [2], Process model [3], research questions [4]		Proschie Indylie Engine From Prosess Discoviry to Process Intelligence (Millout) an Advanced Production Process Mantering Toolis (EG)
4	Maring & analysis	General	41 42 43	Motes and Analosia Text capabilities: Integration capabilities Text capabilities: Analosia Sociality Inconsistentials automas	Security or send data we office in accordin, recity, analities recognise [21]. Applying process intering such requires to senser ques-forms and gain angien [18]. Registration facilities for the process of the sense of the se	Morando et al. Martino et al. Morando et al. Martino et al. Morando et al. Martino et al.	Evert-Leg (3), Pricosa model (3), research questions (4)		[64].
4	Methol & sendy ski	General	41 42 43 44	Micros and Androis Tool capabilities: Integration capabilities Tool capabilities: Anancial Scalability	Section of execut data are offlier in accounts, rectiny, entables processed [27]. Applying process intellig such requires to senser quae-tions and gain- manifestation and solds. The land of a difficient to length as manifestation and solds. The land of a difficient to length a land control of the land of the land of the land of the land of the land of the land of the land of the land of the lan	Merca et al., Martin et al., Grisold et al. Manusch et al., Martin et al., Manusch et al., Martin et al.	Everk-Log [2], Process model [3], research questions [4]		[64].
4	Marting & sendy aids	General	41 42 43 44 44 45	Motes and Analosia Text capabilities: Integration capabilities Text capabilities: Analosia Sociality Inconsistentials automas	Security or send data we office in accordin, recity, analities recognise [21]. Applying process intering such requires to senser ques-forms and gain angien [18]. Registration facilities for the process of the sense of the se	Morando et al. Martino et al. Morando et al. Martino et al. Morando et al. Martino et al.	Event-Log (S), Process model (S), research questions (4)		[64].
4	Marting & medy sis		41 42 43 44	Morea and Analysis Tool capabilities: Integration capabilities Tool capabilities: Analysis of capabilities Tool capabilities: Analysis of capability Incommendenable publiciess Lost of advanced features	Section or next data we offlier in accounts, rectiny analysis process principle [21]. Applying process intering functionages to sensor quantitions and gain sections and gain sections and gain sections. The section of the section o	Mores et al., Martine et al., Growled et al. Manusche et al., Martine et al.	Evert-Log [2], Process model [3], research questions [4]		[64].
4	Mitting & amalysis	General	41 42 43 44 44 45	Motes and Analosia Text capabilities: Integration capabilities Text capabilities: Analosia Sociality Inconsistentials automas	Security or send data we office in accordin, recitiy, andrew recognise [27]. Applying process intering such requires to amount questions and pair awaylin [18]. Applying process intering such as a second pair and a second pair	Morando et al. Martino et al. Morando et al. Martino et al. Morando et al. Martino et al.	Event-Leg (S), Process model (S), research questions (4)		[64].
4	Metric & maly sin		41 42 43 44 44 45	Morea and Anahose Tool capabilities: Integration capabilities Tool capabilities: Anahose capabilities Tool capabilities: Anahose capabilities Loss of schools furthers Loss of schools furthers Tool capabilities: Process discoury	Section of execut data are offlier in accounts, rectiny, entables processed (F1). Applying process entering such requires to entering qualification and gain support of the process of th	Mens et al. Martine d'al. Groed et al. Manusche et al. Martine d'al. Manusche et al. Martine d'al. Manusche et al. Martine d'al. Manusche et al.	Exerci.cog [R]. Process model [R]. research questions [4]		[64].
4	Metrop & metrols		42 43 44 45 46	Morea and Analysis Tool capabilities: Integration capabilities Tool capabilities: Analysis of capabilities Tool capabilities: Analysis of capability Incommendenable publiciess Lost of advanced features	Section or next data we offlier in accounts, rectiny analysis process principle [21]. Applying process intering functionages to sensor quantitions and gain sections and gain sections and gain sections. The section of the section o	Mores et al., Martine et al., Growled et al. Manusche et al., Martine et al.	Evert-Leg (S), Process model (S), research questions (4)		[64].
4	Metry & analysis		41 42 43 44 45 46 47	Morea and Anahose Tool capabilities: Integration capabilities Tool capabilities: Anahose capabilities Tool capabilities: Anahose capabilities Loss of schools furthers Loss of schools furthers Tool capabilities: Process discoury	Section or next data we offlier in accounts, rectly, entitive reception [21]. Applying process intering furchingues to sneare questions and gain sections and parameters. [24] as a section of the process and parameters. [24] as a section of the process and parameters. [25] as a section of the process and parameters are settly upon a considerable and the regular data of the process management and the other data search from desirementing [25]. The continuous process are all the process and the control of the process management and the control of the process and the pro	Morrock et al. Morrice et al. Morrocks et al., Morrice et al. Morrocks et al., Morrice et al. Morrock et al., Morrice et al. Morrock et al., Morrice et al. Morrock et al., Morrice et al.	Exert Log (I), Process model (I), research questions (4)		[64].
4	Metro & andy is	Discovery	42 43 44 45 46	Morea and Anahose Tool capabilities: Integration capabilities Tool capabilities: Anahose capabilities Tool capabilities: Anahose capabilities Loss of schools furthers Loss of schools furthers Tool capabilities: Process discoury	Security or send data are officed in accordan, cellsy, andrew receptuals (21). Appring process intering such requires to amount questions and pair sengine (21). Appring process intering such requires to amount questions and pair sengine (21). Intelligent such received within The lack of sufficient burnings in contrast to a such pairs of the contrast to amount of the contrast to water the contrast to a such pairs and pairs of the pairs of the contrast to according (20). The contrast amountagement process in according (20). The touch widely to amount of the pairs of t	Morrock et al. Morrice et al. Morrocks et al., Morrice et al. Morrocks et al., Morrice et al. Morrock et al., Morrice et al. Morrock et al., Morrice et al. Morrock et al., Morrice et al.	Event-Leg (S), Process model (S), research questions (4)		[64].
4	Meting & medy-sis	Discovery	41 42 43 44 45 46 47	Motes and Androis Tool capabilities, Integration capabilities Tool capabilities, Analytical Disballity Incommonwhealis automis Leaf of ethomoral features Tool capabilities: Process discovery Onto accessing.	Section or next data we offlier in accounts, rectly, entitive reception [21]. Applying process intering furchingues to sneare questions and gain sections and parameters. [24] as a section of the process and parameters. [24] as a section of the process and parameters. [25] as a section of the process and parameters are settly upon a considerable and the regular data of the process management and the other data search from desirementing [25]. The continuous process are all the process and the control of the process management and the control of the process and the pro	Mens et al., Martine d al., Grissell et al. Manusch et al., Martine d al.	Exercising (I), Process model (I), research questions (4)		[64].
4	Metrig & majorin	Discovery	41 42 43 44 45 46 47	Motes and Androis Tool capabilities, Integration capabilities Tool capabilities, Analytical Disballity Incommonwhealis automis Leaf of ethomoral features Tool capabilities: Process discovery Onto accessing.	Section of event data are offlier in accounts, rectiny, another recognise [27]. Applying process mining suchringues to answer qual-close and gain such process of the control of the cont	More et al. Martine d'al. Groed et al. Morendo et al. Martine d'al. Morendo et al. Martine d'al. Morendo et al. Martine d'al. Morendo et al. Morendo et al.	Evert-Leg (S), Process model (S), research questions (4)		[64].
4	Metric & andy in	Discovery Conformance	41 42 43 44 45 46 47 48	Motes and Androis Tool capabilities, Integration capabilities Tool capabilities, Analytical Disballity Incommonwhealth authorise Leaf of ethorous furnitures Tool capabilities: Process discovery Onto accession.	Section of event data are offlier in accounts, rectiny, another recognise [27]. Applying process mining suchringues to answer qual-close and gain such process of the control of the cont	More et al. Martine d'al. Groed et al. Morendo et al. Martine d'al. Morendo et al. Martine d'al. Morendo et al. Martine d'al. Morendo et al. Morendo et al.	Event Log (S). Process model (S), research quantities (4)		[64].
4	Metro a majros	Discovery Conformance	41 42 43 44 45 46 47 48	Motion and Analysis Text capabilities: Integration capabilities Text capabilities: Analysis floatestilly Incommontensible authories Leak of abhorous floatess Text capabilities: Process discoury Data crossable. Text capabilities: Confurnance checking/Complianoe	Section of event data are offlier in accounts, rectiny, another recognise [27]. Applying process mining suchringues to answer qual-close and gain such process of the control of the cont	More et al. Martine d'al. Groed et al. Morendo et al. Martine d'al. Morendo et al. Martine d'al. Morendo et al. Martine d'al. Morendo et al. Morendo et al.	Exerci.cg (F), Process model (F), research questions (4)		[64].
4	Mitting & analysis	Discovery	41 42 43 44 45 46 47	Motion and Analysis Text capabilities: Integration capabilities Text capabilities: Analysis floatestilly Incommontensible authories Leak of abhorous floatess Text capabilities: Process discoury Data crossable. Text capabilities: Confurnance checking/Complianoe	Section or executed that we offlier in accounts, rectiny, enabling process intelligible proce	More et al. Martine d'al. Groed et al. Morendo et al. Martine d'al. Morendo et al. Martine d'al. Morendo et al. Martine d'al. Morendo et al. Morendo et al.	Ewel-Log [3]. Process model [3], research questions [4]		[64].
4	verlana v Stadyy	Discovery Conformance	41 42 43 44 45 46 47 48	Motion and Analysis Text capabilities: Integration capabilities Text capabilities: Analysis floatestilly Incommontensible authories Leak of abhorous floatess Text capabilities: Process discoury Data crossable. Text capabilities: Confurnance checking/Complianoe	Section of event data are offlier in excussion, rectiny, another recognise [27]. Applying process entering such requires to answer qual-close and gain such process of the control of the	More et al. Martine d'al. Groed et al. Morendo et al. Martine d'al. Morendo et al. Martine d'al. Morendo et al. Martine d'al. Morendo et al. Morendo et al.	Evert-Log [I], Process model [II], research questions (4)		[64].
4	malayar Vilaseyi	Discovery Conformance	41 42 43 44 45 46 47 48 49 410	Motion and Analysis Text capabilities: Integration capabilities Text capabilities: Analysis floatestilly Incommontensible authories Leak of abhorous floatess Text capabilities: Process discoury Data crossable. Text capabilities: Confurnance checking/Complianoe	Section or next data we office in accordin, reclay, anality recognise [21]. Applying process indexy such requires to senser quasi-form and parallers [16]. Applying process indexy such reclaims to senser quasi-form and parallers [16]. Applying process indexy in the parallers of the parallers	Momento et al., Martin et al.			[64].
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4		Discovery Conformance	41 42 43 44 45 46 47 48 49 410	Motion and Analysis Text capabilities: Integration capabilities Text capabilities: Analysis floatestilly Incommontensible authories Leak of abhorous floatess Text capabilities: Process discoury Data crossable. Text capabilities: Confurnance checking/Complianoe	Section of executed data we offlier in accounts, rectiny, analytic process and part sections of the part of the pa	Momento et al., Martin et al.			(M). Nedant in Adversed Predictive Process Mentoring Tooks (60) Anticul Halligence Enablet Project Management (60).
4		Discovery Conformance	41 42 43 44 45 46 47 48 49 410	Motes and Androis Tool capabilities, integration capabilities Tool capabilities, historyation capabilities Tool capabilities, Analytical Statebility Incommonwheals authorises Leaf of school features Tool capabilities, Process discoury Tool capabilities, Process Benchmarking Tool capabilities, Process Benchmarking Contaction Contaction	Section of event data are offlier in excussion, rectiny, another recognise [27]. Applying process entering such requires to answer qual-close and gain such process of the control of the	More at al., Martinet al., Critical ed al. Moreout et al., Martinet al.	Execting [2], Process model [3], research questions [4] Insight with different views, propried in an understandable way for the administration (presentation (ac) [3]). Bit does apparation for the readministration (presentation across the readministration process and inclination sense.	based on the research questions also a optimized process model	(MF). Nediant in Advanced Predictive Process Mentoring Toolst (KG)
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4		Discovery Conformance	41 42 43 44 45 46 47 48 49 410	Motes and Androis. Tool capabilities, Integration capabilities. Tool capabilities, Natificial Sociability Josonoschemids automis Leak of schoonies Leak of schoonies Leak of schoonies Leak of schoonies Tool capabilities. Process discourry Tool capabilities. Process discourry Tool capabilities. Process discourry Leak completities. Tool capabilities. Process discourry Leak capabilities. Process discourry Leak capabilities. Leak completions Leak completions. Tool capabilities. Process discourry Leak capabilities. Leak completions Leak completions. Leak comp	Section of executed data we offlier in accounts, rectiny, analytic process and part sections of the part of the pa	Moreau et al., Martine et al., Gricold et al. Moreauto et al., Martine et al.		based on the research questions also a optimized process model	(M). Nedant in Adversed Predictive Process Mentoring Tooks (60) Anticul Halligence Enablet Project Management (60).
4		Ciscovery Conformance Performance Conformance Conformance State-Indian analysis State-Indian evaluation	41 42 43 44 45 46 47 48 49 410 411 51	Motes and Androis Tool capabilities, integration capabilities Tool capabilities, historyation capabilities Tool capabilities, Analytical Statebility Incommonwheals authorises Leaf of school features Tool capabilities, Process discoury Tool capabilities, Process Benchmarking Tool capabilities, Process Benchmarking Contaction Contaction	Section of executed data we offline in accounts, rectiny, analytic processes (1972). Appring process inverse processes to senser quantitions and parameters (1974) and processes (1974). Appring process inverse processes to senser quantitions and parameters (1974) and parameters (1974). Appring process inverse processes (1974) and parameters (1974)	More at al., Martinet al., Critical ed al. Moreout et al., Martinet al.		based on the research questions also a optimized process model	(M). Nedant in Adversed Predictive Process Mentoring Tooks (60) Anticul Halligence Enablet Project Management (60).

			Sup	ports	Û	Sup	ports	}
		6.1	Management support	Top-Level Management/Serior Executives support [18], [19]. Initiating, funding, and conducting PM initiatives requires a strong management commitment [21]. Process managers need guidance to convince decision-makers [22].	Mans et al., Manudu et al., Martin et al., Orisold et al.			
		6.2	External stalksholder support	Engagement with external collaborators or industry partners (such as suppliers) who influence an organisation's business process and how they are executed [18]. Transparency may lead to distrust and perceived surveillance [22].	Marrudu and Bandara, Grisold et al.			
		6.3	Subject matter experts (SMEs)	SMEs of a particular business domain who contribute to process mining efforts [18].	Mamudu and Bandara			
		6.4	User groups	The contribution of ultimate users (such as first-line personnel) to process mining outcomes [18].	Mamudu and Bandara	_	Informed and educated stakeholders with an understanding of the	manual task,
6	Sulainhaider Support and Involvement	6.5	Process mining expertise	The required know-how needed to execute process mining initiatives and interpret outcomes [18].	Mans et al., Mamudu and Blandara	Time, movey, persuation and failing (evoluthops).	importance of PM to the business and the PM project being completed.	PM-MODELE (D3)
			Ргосека анабухі екрей'іка	The required expertise for designing, streamlining, and re- engineering business processes [18], [19].				
		6.6		Insufficient analytical skills: The lack of fundamental analytical skills, including business process modelling and optimization, impedes deriving value from PM [21].				
				Insufficient domain expertise: The lack of comprehensive domain and business expertise inhibits the ability to customize PM as well as to adequately interpret the results [21].	Mans et al., Marrudu and Bandara, Martin et al.			
				The education and sensitisation of stakeholders on the appropriate execution of process mining initiatives for the intended results [18].				
		6.7	Training	Insufficient technical skills: The lack of sufficient training in technical skills required to implement PM is detrimental to setting up and conducting PM [21].	Marmodu et al., Martin et al.			
				The series of activities that ensure that the needed change				
	Organizational and strategic adjunctions		7.1 Change Management	emanating from process mining results is im-plemented in the organisation [18].	Marnusta et al. Martin et al. Criscis et al.	not a concrete phase in the PM-process. For this reason there	Those are general debullinges and connecting belonging Ref. Thats and a connected prieses this PM-general. For this massers have see to direct legals and Colipsia.	Artificial briefligence Enabled Project Management [66]
7		7.1		Unclear organizational anchoring: It is unclear how PM expertise should be anchored within the organization [21].				
				It is important to cope with the increased transparency created through process mining [22].				
		7.2	Project Management	The management of activities and resources, such as time and cost throughout all phases of the process mining project to obtain the defined project outcomes [18], [19].	Mans et al. Marrudu et al.			
		7.3		It is unknown which organizational setups and properties ensure on efficient and effortive use of PM (21)	are no direct Inp. Martin et al.	are no direct Inputs or Outputs.		
		7.4	Unclear success factors	The business value of PM is difficult to determine with regard to the alignment of strategic and operational goals as well as the quantification of costs and benefits [21].				
			Process managers do not know value of PM activities (22).	Process managers do not know how to calculate the business value of PM activities [22].				
		7.5	Missing implementation guidance	There is a lack of comprehensive guidance on the implementation of PM for different organizations, domains, contexts, and strategic goals [21].	Martin et al.			