

Gray Literature Review: Studies This appendix provides an overview of the studies selected in the gray literature review.

- S1 Zhamak Dehghani. Data Mesh Principles and Logical Architecture. martinFowler, 2020. <https://martinfowler.com/articles/data-mesh-principles.html>
- S2 Zhamak Dehghani. How to Move Beyond a Monolithic Data Lake to a Distributed Data Mesh. martinFowler, 2020. <https://martinfowler.com/articles/data-monolith-to-mesh.html>
- S3 Jarvin Mutatiina, Can Yurtseven, Ernst Blaauw. From data mess to a data mesh. Deloitte, 2020. <https://towardsdatascience.com/what-is-a-data-mesh-and-how-not-to-mesh-it-up-210710bb41e0>
- S4 Barr Moses. What is a Data Mesh - and How Not to Mesh it Up. Towardsdatascience, 2020. <https://towardsdatascience.com/what-is-a-data-mesh-and-how-not-to-mesh-it-up-210710bb41e0>
- S5 Aleksi Roima. When should organizations consider data mesh?. Futurice, 2021. <https://futurice.com/blog/when-should-organizations-consider-data-mesh>
- S6 Max Schultze, Arif Wider. Data Mesh in Practice: How Europe's Leading Online Platform for Fashion Goes Beyond the Data Lake. Sparkt AI , 2020. https://databricks.com/session_na20/data-mesh-in-practice-how-europes-leading-online-platform-for-fashion-goes-beyond-the-data-lake
- S7 James Serra. Data Mesh defined. martinFowler, 2021. <https://www.jamesserra.com/archive/2021/02/data-mesh/>
- S8 Data Mesh explanation: How and why successful data-driven companies are adopting Data Mesh. AgileLab, 2021. <https://medium.com/agile-lab-engineering/data-mesh-explanation-a207fac61341/>
- S9 Bhavesh Furia. Data Mesh - Rethinking Enterprise Data Architecture. CueLogic, 2021. <https://www.cuelogic.com/blog/data-mesh>
- S10 Paul Anu, N, Arup. Evolution of Data mesh Architecture Can Drive Significant Value in Modern Enterprise. JPMorgan, 2021. <https://www.jpmorgan.com/technology/technology-blog/evolution-of-data-mesh-architecture>
- S11 Jeffrey Pollock. Data Mesh is not a Data Lake!. martinFowler, LinkedIn. <https://www.linkedin.com/pulse/data-mesh-lake-jeffrey-t-pollock/>
- S12 Heather Devane. What is a Data Mesh?. Immuta, 2020. <https://www.immuta.com/articles/what-is-a-data-mesh/>
- S13 Nivas Shankar, Ian Meyers, Zach Mitchell, Roy Hasson. Design a data mesh architecture using AWS Lake Formation and AWS Glue. Design a data mesh architecture using AWS Lake Formation and AWS Glue, 2021. <https://aws.amazon.com/blogs/big-data/design-a-data-mesh-architecture-using-aws-lake-formation-and-aws-glue/>
- S14 David Vellante. Breaking Analysis: How JP Morgan is Implementing a Data Mesh on the AWS Cloud. WikiBon, 2021. <https://wikibon.com/breaking-analysis-how-jp-morgan-is-implementing-a-data-mesh-on-the-aws-cloud/>
- S15 Olivier Wulveryck. POV: A streaming/communication platform for the data mesh. Octo, 2021. <https://blog.octo.com/en/pov-a-streaming-communication-platform-for-the-data-mesh/>
- S16 Paul Gillin. Data Warehousing has problems. A data mesh could be the solution. Silicon Angle, 2021. <https://siliconangle.com/2021/08/06/data-warehousing-problems-data-mesh-solution/>
- S17 Mathias golombek. Data Mesh in Practice: Learnings from a customer journey. DataVersity, 2021. <https://www.dataversity.net/data-mesh-in-practice-learnings-from-a-customer-journey/#>
- S18 -. Data mesh: The Four Principles of a Distributed Architecture. Data Driven Investor, 2021. <https://medium.datadriveninvestor.com/data-mesh-the-four-principles-of-a-distributed-architecture-2021-08-06>
- S19 Martin Lam. Why Snowflake is a good match for implementing Data Mesh. Capgemini, 2021.

- <https://www.capgemini.com/no-no/2021/05/why-snowflake-is-a-good-match-for-implementing-data-mesh/>
- S20 Jesse Menning. Use an Event-Driven Data Mesh to Avoid Drowning in the (Data) Lake. Solace, 2021. <https://solace.com/blog/event-driven-data-mesh/>
- S21 Chris Riccomini. What the Heck is a Data Mesh?!. CNR, 2021. <https://cnr.sh/essays/what-the-heck-data-mesh>
- S22 Pawel Mitrus. Data Mesh Explained. An End-to-End Guide to the Latest Data Architecture Trend. Langaro Group, 2021. <https://lingarogroup.com/blog/data-mesh-explained-an-end-to-end-guide->
- S23 Andrew Carr. What Actually is a data mesh? And is it really a thing?. Scott Logic, 2021. <https://blog.scottlogic.com/2021/05/28/what-actually-is-a-data-mesh-and-is-it-really-a-thing.html>
- S24 Trey Hicks. Catching Data in a Data Mesh: Principles (part I). Medium, 2021. <https://medium.com/nerd-for-tech/catching-data-in-a-data-mesh-principles-part-i-2b2e11e9e33a>
- S25 Mullaned2002. What is Data Mesh (and who should be using it). Data Integration, 2021. <https://dataintegration.info/what-is-data-mesh-and-who-should-be-using-it>
- S26 -. 6 Questions to ask before implementing data mesh. Kainos, 2021. <https://www.kainos.com/insights/blogs/thinking-about-data-mesh>
- S27 Doichin Yordanov. DData Mesh, the new data paradigm set to rise. Helecloud, 2021. <https://helecloud.com/blog/data-mesh-the-new-data-paradigm-set-to-rise/>
- S28 Yval Perlov. Data Mesh: Architecture, Use Cases, and Implementation via Data Fabric. K2View, 2021. <https://www.k2view.com/blog/data-mesh/>
- S29 -. Enterprise Data Mesh. Oracle, 2021. <https://www.oracle.com/a/ocom/docs/datamesh-ebook.pdf>
- S30 Adam Gugliciello. The Journey to an Enterprise Data Mesh. Data Iku, 2021. <https://blog.dataiku.com/the-journey-to-an-enterprise-data-mesh>
- S31 Sandeep Uttamachandani. The Google Technology Landscape for a Self-Service Data Platform, Intuit. 2022. https://www.linkedin.com/pulse/landscape-technologies-self-service-data-platform-san-trk=portfolio_article-card_title
- S32 Muthu Chinnasamy Vinod Menon. Modernize data between siloed data warehouses with Infosys Data Mesh and MongoDB. MongoDB, 2021. <https://www.mongodb.com/blog/post/modernize-data-between-siloed-data-warehouses-infosys-data-mesh-mongodb>
- S33 -. Data mesh - the answer to the failures of centralized data architectures. Keboola, 2021. <https://www.keboola.com/blog/data-mesh>
- S34 -. IBM — Data mesh for hybrid cloud. IBM KPMG, -. <https://www.kpmg.us/alliances/kpmg-ibm/data-mesh-hybrid-cloud.html>
- S35 Rajesh Rajagopalan. Demystifying Data Mesh. PeerIsland, 2021. <https://www.peerislands.io/demystifying-data-mesh/>
- S36 Zhamak Dehghani. Data Mesh: Defining a new data architecture paradigm with Zhamak Dehghani. ToroCloud, 2021. <https://www.torocloud.com/podcast/defining-data-mesh-zhamak-dehghani>
- 37 -. Data Mesh Deep Dive. Advancing Analytics, 2021. <https://www.advancinganalytics.co.uk/blog/2021/8/5/data-mesh-deep-dive>
- S38 Zhamak Dehghani. Data Mesh with Zhamak Dehghani. Software Engineering Daily, 2019. <https://softwareengineeringdaily.com/2019/07/29/data-mesh-with-zhamak-deghani/>
- S39 Devayon Das. Data Mesh: How to Overcome Data Lake Challenges. Zaloni, 2020. <https://www.zaloni.com/resources/data-mesh-data-lake-challenges/>

- S40 Chandan Gaur. Complete overview of data mesh and its benefits. Xenonstack, 2021. <https://www.xenonstack.com/blog/data-mesh>
- S41 Saket Saurabh. Data Mesh: Desing, Benefits, Hype, and Reality. Nexla, -. <https://www.nexla.com/data-mesh-design-benefits-hype-reality/>
- S42 Gerben Oostra. Two steps towards a modern data platform. Medium, 2021. <https://medium.com/bigdataarepublic/two-steps-towards-a-modern-data-platform-37c74e7c104b>
- S43 -. Empower Data Teams with a Data Mesh Built on Snowflake. Snowflake, 2021. <https://www.snowflake.com/blog/empower-data-teams-with-a-data-mesh-built-on-snowflake/>
- S44 Jason Gilmore. Easier Data Marts with DreamFactory Data Mesh. DreamFactory, 2019. <https://blog.dreamfactory.com/easier-data-marts-with-dreamfactory-data-mesh/>
- S45 Patryk Orwat. Data Mesh on AWS. DEV, 2021. <https://dev.to/aws-builders/data-mesh-on-aws-57ah>
- S46 -. Data mesh: how to work with data without a monolith. Prog.World, 2021. <https://prog.world/data-mesh-how-to-work-with-data-without-a-monolith/>
- S47 Kenneth Dalvik. SAP Data Warehouse + Data Mesh = True. SAP, 2020. <https://blogs.sap.com/2020/10/22/sap-data-warehouse-cloud-data-mesh-true/>
- S48 -. What you need to know about data mesh. Sparke Quation, 2021. <https://sparkequation.com/2021/02/24/data-mesh/>
- S49 Juan Sequeda. What is the deal with the Data Mesh?. Juan Sequeda, 2021. <http://www.juansequeda.com/blog/2021/02/22/what-is-the-deal-with-the-data-mesh/>
- S50 Joe Gleinser. Should Your Application Consider Data Mesh Connectivity?. Forbes, 2021. <https://www.forbes.com/sites/forbestechcouncil/2020/05/07/should-your-application-consider-data-mesh/?sh=5ab427756d7f>
- S51 Einat Orr. Data Mesh Applied: How to move beyond the Data Lake with lakeFS. Lakefs, 2020. <https://lakefs.io/data-mesh-applied-how-to-move-beyond-the-data-lake-with-lakefs/>
- S52 Firat Tekiner. Building a unified analytics data platform on Google Cloud. Google, 2021. <https://cloud.google.com/blog/products/data-analytics/building-unified-analytics-data-platform-on-google-cloud>
- S53 Jon Cooke. Deploying Data Products at the speed of the business. Dataception, -. <http://dataception.com/Data-Mesh-Deploying-Data-Products-at-the-speed-of-the-business.html>
- S54 Pietheinh Strengholt. Data Mesh topologies. Towardsdatascience, 2021. <https://towardsdatascience.com/data-mesh-topologies-85f4cad14bf2>
- S55 Graham Stirling. Saxo Bank's Best Practices for a Distributed Domain-Driven Architecture Founded on the Data Mesh. Confluent, 2021. <https://www.confluent.io/blog/distributed-domain-driven-architecture-founded-on-the-data-mesh/>
- S56 Azaz Rasool. Datamesh - a paradigm shift — are Data warehouses/ Data lakes dying or need a fresh perspective?. LinkedIn, 2021. <https://www.linkedin.com/pulse/datamesh-paradigm-shift-data-warehouses-azaz-rasool/>
- S57 Francois Nguyen. Towards a data mesh (part 2): Architecture Technologies. Francois Nguyen, 2021. <https://francois-nguyen.blog/2021/03/22/toward-a-data-mesh-part-2-architecture-technologies/>
- S58 Data Mesh 101: how to get started. Montecarlo data, 2020.
- S59 Rufus Lidman. The Contingency Model of Data Mesh. Towardsdatascience, 2021. <https://towardsdatascience.com/the-contingency-model-of-data-mesh-c4bbe57577d6>
- S60 Seb B. Why Data Mesh 101: The Art and Science of Killer Data Discovery. LinkedIn, 2021. <https://www.linkedin.com/pulse/why-data-mesh-101-art-science-killer-discovery-seb-bulpin/>
- S61 Oliver Bauer. Making a Mesh Start. Vistaprint, 2021. <https://vistaprint.io/blog/making-a-mesh-start>
- S62 Abraham Enyo-one Musa. Data Management Architectures — Monolithic Data Architectures

- vs. Distributed Data Mesh. Towardsdatascience, 2020. <https://towardsdatascience.com/data-management-architectures-monolithic-data-architectures-and-distributed-data-mesh-637437949>
- S63 Nazia Shahrin. Building a successful Data Mesh – More than just a technology initiative. LinkedIn, 2021. <https://www.linkedin.com/pulse/building-successful-data-mesh-more-than-just-nazia/>
- S64 Anil Madan. Modern Data Platform - How to build one?. LinkedIn, 2021. <https://www.linkedin.com/pulse/modern-data-platform-how-build-one-anil-madan/>
- S65 Fernando Raposo. The Evolution of FindHotel’s Data Architecture - Part I. FindHotel, 2021. <https://blog.findhotel.net/2021/07/the-evolution-of-findhotels-data-architecture-part-i/>
- S66 Adevinta. Building a data mesh to support an ecosystem of data products at Adevinta. Medium, 2021. <https://medium.com/adevinta-tech-blog/building-a-data-mesh-to-support-an-ecosystem-of-data>
- S67 Taavi Pungas. Dodging the data bottleneck — data mesh at Starship. Medium, 2021. <https://medium.com/starshiptechnologies/dodging-the-data-bottleneck-data-mesh-at-starship-5925a2de45e6>
- S68 Kevin Lewis. Data Mesh and the Threads that Hold it together. Teradata, 2021. <https://www.teradata.com/Blogs/Data-Mesh-and-the-Threads-that-Hold-it-Together>
- S69 Agile Lab. Data Mesh explanation. Medium, 2021. <https://medium.com/bigdatarepublic/two-steps-towards-a-modern-data-platform-37c74e7c104b>
- S70 Vanessa Ericsson. Data Mesh Strategy and Architecture. Zenseact, 2021.
- S71 Tristan baker. Intuit’s Data Mesh Strategy. Medium, 2021. <https://medium.com/intuit-engineering/intuits-data-mesh-strategy-778e3edaa017>
- S72 -. Data Movement in Netflix Studio via Data Mesh. Netflix, 2021. <https://netflixtechblog.com/data-movement-in-netflix-studio-via-data-mesh-3fddcceb1059>
- S73 Ilan Raab Marco Chiapusso. How to create a modern CPG Data Architecture with Data Mesh. AWS, 2021. <https://aws.amazon.com/blogs/industries/how-to-create-a-modern-cpg-data-architecture->
- S74 Chris Butler. People Analytics needs to Support the Enterprise Data Mesh. OneModel, 2021. <https://www.onemodel.co/blog/people-analytics-needs-to-support-the-enterprise-data-mesh>
- S75 Alexis McKenzie. A data mesh approach to data warehousing. LinkedIn, 2021. <https://www.linkedin.com/pulse/a-data-mesh-approach-to-data-warehousing-alexis-mckenzie/>
- S76 Chloe Feingold. Why Governance is the Critical Stitch in Data Mesh (and How to Avoid “Meshing” it Up). Privacera, 2021. <https://blog.privacera.com/why-governance-is-the-critical-stitch-in-dat>
- S77 -. Data Mesh Whitepaper: The Data Mesh Shift. Thoughtworks, 2020.
- S78 -. Technology Brief: Dynamic Data Fabric and Trusted Data Mesh using the oracle GoldenGate Platform. Oracle, 2021.
- S79 James Reid. Implementing a Data Mesh Architecture at JPMC. JP Morgan Chase Company, 2021. <https://www.dremio.com/subsurface/implementing-a-data-mesh-architecture-at-jpmc/>
- S80 Dave Wells. Data Architecture: Complex vs. Complicated. Eckerson Group, 2021. <https://www.eckerson.com/articles/data-architecture-complex-vs-complicated>
- S81 Eric Broda. Data Mesh Architecture Patterns. Towardsdatascience, 2022. <https://towardsdatascience.com/data-mesh-architecture-patterns-98cc1014f251>
- S82 Eric Broda. An Architecture for the Data Mesh. Towardsdatascience, 2022. <https://towardsdatascience.com/an-architecture-for-the-data-mesh-32ff4a15f16f>
- S83 Eric Broda. Data Mesh Architecture and the Role of APIs JSON Schemas. Towardsdatascience, 2022. <https://towardsdatascience.com/data-mesh-architecture-and-the-role-of-apis-json-schemas-3d>
- S84 Eric Broda. Data Mesh Patterns: Change Data Capture. Towardsdatascience, 2022. <https://towardsdatascience.com/data-mesh-pattern-deep-dive-change-data-capture-eb3090178c34>
- S85 Barr Moses. How to treat your data like a product. Towardsdatascience, 2022. <https://towardsdatascience.com/how-to-treat-your-data-like-a-product-eb3090178c34>

- towardsdatascience.com/how-to-treat-your-data-like-a-product-73731ec5f131
- S86 Saurabh Kumar, Deconstructing Data Mesh Principles, Slalom. 2022. <https://medium.com/slalom-data-ai/data-mesh-232e50f42e66>
- S87 Piethein Strenholt Andrea Courtright. A financial institution scenario for data mesh. Microsoft, 2022. <https://docs.microsoft.com/en-us/azure/cloud-adoption-framework/scenarios/data-management/architectures/reference-architecture-data-mesh>
- S88 -. Data Mesh for Trusted Public Sector Data Sharing in Singapore. Thoughtworks, 2021. <https://www.thoughtworks.com/content/dam/thoughtworks/documents/whitepaper/whitepaper-tw-102021-ebook.pdf>
- S89 Adit Modi. Introduction to data mesh. DEV, 2021. <https://dev.to/aws-builders/introduction-to-data-mesh>
- S90 Piethein Strenghtolt. ABN Amro’s data and integration mesh. ABNAmro, 2020. <https://www.linkedin.com/pulse/abn-amros-data-integration-mesh-piethein-strenghtolt/>
- S91 Tareq Abedrabbo. Data Mesh in the real world: Lessons learnt from the financial markets. InfoQ, 2021. <https://www.infoq.com/presentations/cmc-markets-challenges/>
- S92 Courtney Perio. Get More out of your data analytics microservices. Towardsdatascience, 2022. <https://towardsdatascience.com/get-more-out-of-your-data-with-analytics-microservices-9a5a34a3a>
- S93 P Platter. How and why data mesh is shaping the data maangement’s evolution. Medium, 2021. <https://medium.com/agile-lab-engineering/yet-another-datamesh-article-83378b62f334>
- S94 Chris Dowsett. Using Microservices to Build and Scale Data Functions. Medium, 2021. <https://towardsdatascience.com/using-microservices-to-build-and-scale-data-functions-28d47f400419>
- S95 Matt McLarty. How does API management mesh with, um, data mesh. Mulesoft, 2021. <https://blogs.mulesoft.com/api-integration/api-management-and-data-mesh/>
- S96 P Plattr. How to identify Data Products? Welcome ”Data Product Flow”. Medium, 2021. <https://medium.com/agile-lab-engineering/how-to-identify-data-products-welcome-data-product-flo>
- S97 Zhamak Dehghani. Data Mesh: An Architectural Deep Dive. InfoQ, 2021. <https://www.infoq.com/presentations/data-mesh-concepts/>
- S98 Javier Ramos. Building a Data Mesh: A beginners Guide. ITNext, 2021. <https://itnext.io/introduction-to-data-mesh-59e6f3a4c15e>
- S99 Microsoft. What is a data product?, 2022. <https://learn.microsoft.com/en-us/azure/cloud-adoption-framework/scenarios/cloud-scale-analytics/architectures/what-is-data-product>
- S100 Max Schultze Arif Wider. Data Mesh in Practice. Zalando, 2020. <https://www.iteblog.com/ppt/sparkaisummit-north-america-2020-iteblog/data-mesh-in-practice-how-europes-leading-online-p.com.pdf>
- S101 Eric Broda. Data Mesh Patterns: Event Streaming Backbone. Towardsdatascience, 2022. <https://towardsdatascience.com/data-mesh-pattern-deep-dive-event-streaming-backbone-99a5bb2a7cb>
- S102 Paul Andrew. Building a Data Mesh Architecture in Azure series. Avanade, 2022. <https://mrpaulandrew.com/2022/01/07/building-a-data-mesh-architecture-in-azure-part-3/>
- S103 Mansi Maharana. Implementing Data-as-a-Product(DaaP) using distributed data architecture and Smart Data Platform on GCP. Medium, 2021. <https://medium.com/google-cloud/implementing-data-as-a-product-daap-using-distributed-data-architecture-and-smart-data-platform>
- S104 Zhamak Dehghani. Reference Architecture. Amazon, 2021. <https://docs.aws.amazon.com/wellarchitected/latest/analytics-lens/data-mesh-reference-architecture.html>
- S105 Valdas Maksimavicius. Launching Databricks at Lf. Medium, 2021. <https://medium.com/if-tech/launching-databricks-at-if-819be388aa8a>

- S106 Piethein Strengholt. Implementing Data Mesh on Azure. Medium, 2022. <https://towardsdatascience.com/implementing-data-mesh-on-azure-c01ee94306cd>
- S107 Dave Velante. A new era of data: a deep look at how JPMorgan Chas runs a data mesh on the AWS cloud. SiiconAngle, 2021. <https://siliconangle.com/2021/07/10/new-era-data-deep-look-jpmorgan-c>
- S108 Tom De Wolf. Applying Data Mesh principles to an IoT data architecture. A.C.A Group, 2022. <https://www.acagroup.be/en/blog/applying-data-mesh-principles-to-an-iot-data-architecture/>
- S109 Piethein Strengholt. Data Mesh: The Balancing Act of Centralization and Decentralization. Medium, 2022. <https://towardsdatascience.com/data-mesh-the-balancing-act-of-centralization-and-d>
- S110 Jochen Christ, Larysa Vsiengeriyeva Simon Harrer. Data Mesh Architecture from an Engineering Perspective. INNOQ, 2022. <https://www.datamesh-architecture.com/>
- S111 Piethein Strengholt. Data Domains and Data Products. Medium, 2021. <https://towardsdatascience.com/data-domains-and-data-products-64cc9d28283e>
- S112 Piethein Strengholt. Data Domains - Where do I start?. Medium, 2021. <https://towardsdatascience.com/data-domains-where-do-i-start-a6d52fef95d1>
- S113 Piethein Strengholt. Data Contracts - ensure robustness in your data mesh architecture. Medium, 2022. <https://towardsdatascience.com/data-contracts-ensure-robustness-in-your-data-mesh-architec>
- S114 Piethein Strengholt. Master Data Management in Data Mesh. Medium, 2022. <https://towardsdatascience.com/master-data-management-in-data-mesh-594d21f3ee10>