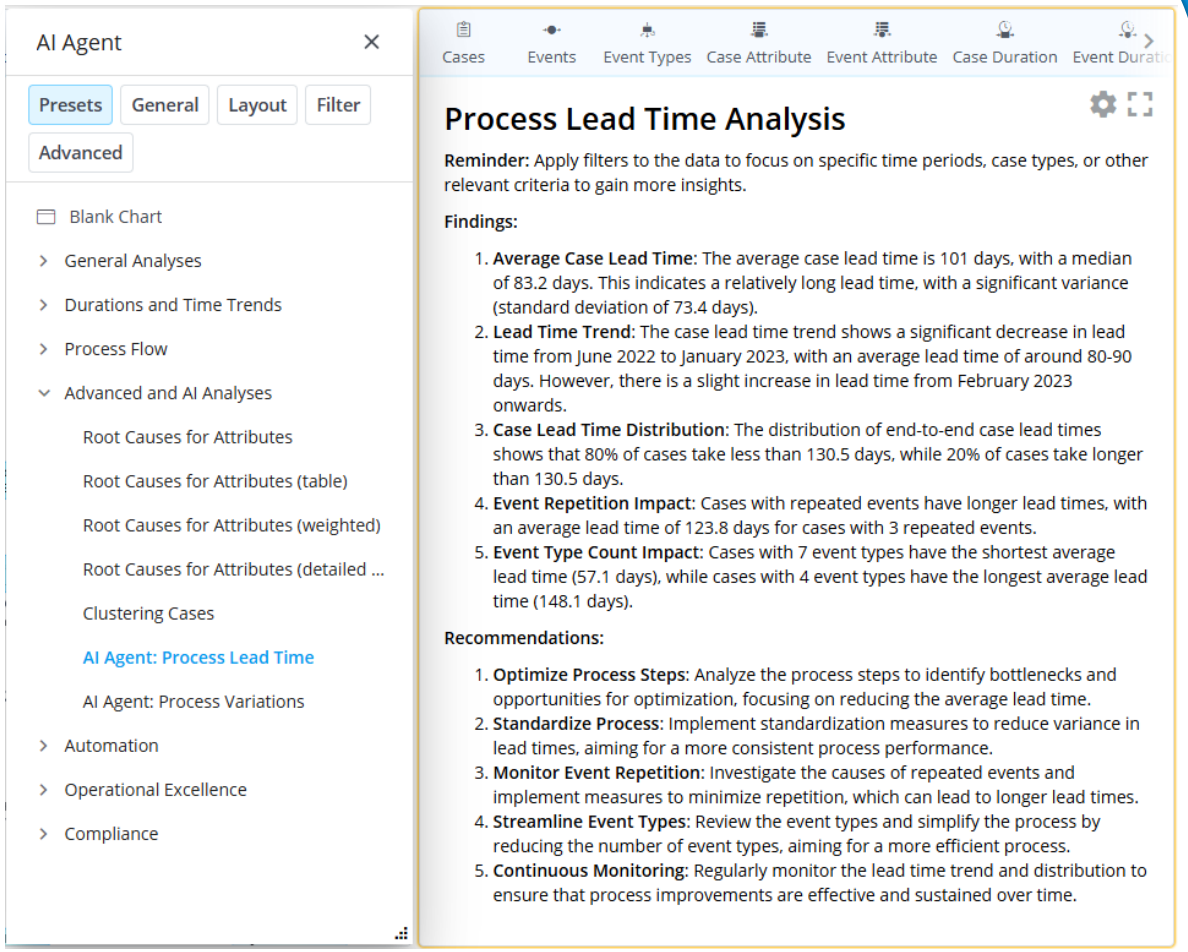
QPR ProcessAnalyzer 2025.2 – New features

AI Agent powered presets showing findings and recommendations

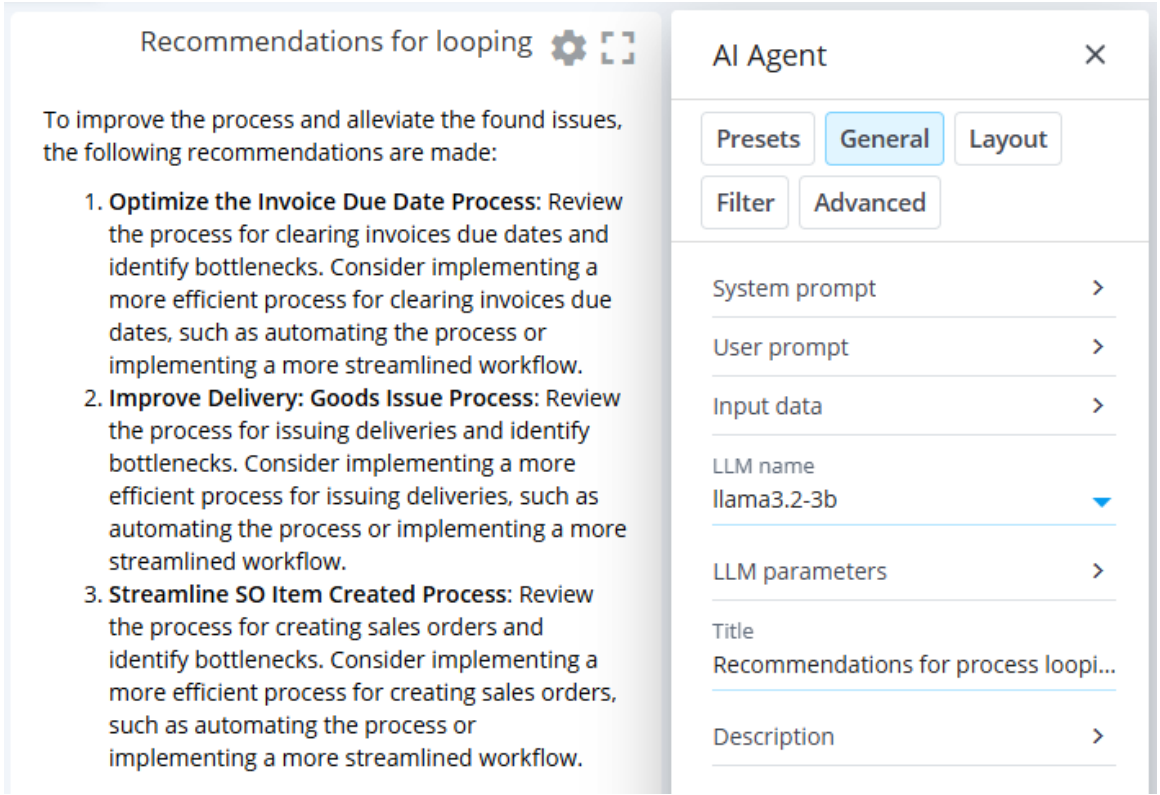
- There are following new presets available based on the AI Agent analysis engine:
  - Process lead time
  - Process variations
- They present insightful findings and offer improvement recommendations by analyzing the process from the specified viewpoint
- Finding ands recommendations are derived from the facts only because the presets analyze the process model by extracting quantitative and precise measurements
- Presets perform the analysis for any process mining model without additional configuration



Customizable AI Agent helping with process analysis

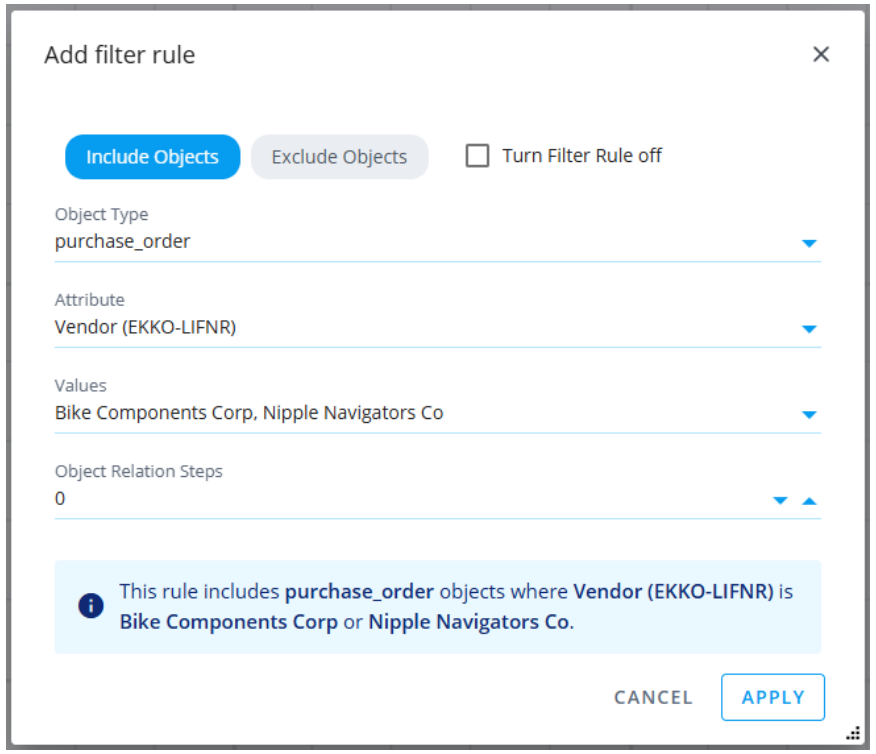
- **AI Agent** is an LLM-powered dashboard component that based on given instructions and input data, performs analysis and provides textual response
- AI Agent settings
  - **System prompt** (optional): Define task context and expected behavior
  - **User prompt**: Give task or question to AI Agent
  - **Input data** (optional): Provide data for AI Agent
  - **LLM name**: Define LLM to use (empty for OpenAI)
  - **LLM parameters** (optional): Adjust LLM behavior
- Input data is array of chart configurations
  - Chart queries are run and result used as prompt
  - Filter settings in AI Agent are applied for the input data
- It's possible to restrict which LLM's can be used (Snowflake feature)
- To access LLM's in other regions, enable Cross-Region Inference (Snowflake feature)

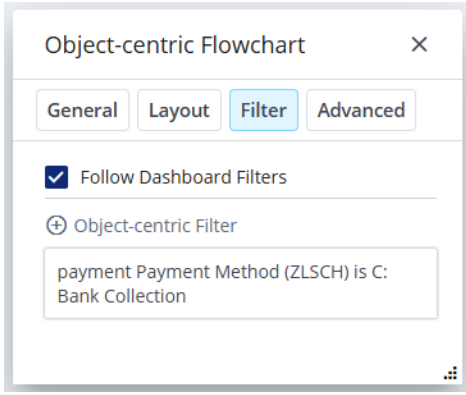
wiki.onqpr.com/pa/index.php/AI_Agent



Object-centric models can be filtered by object attributes

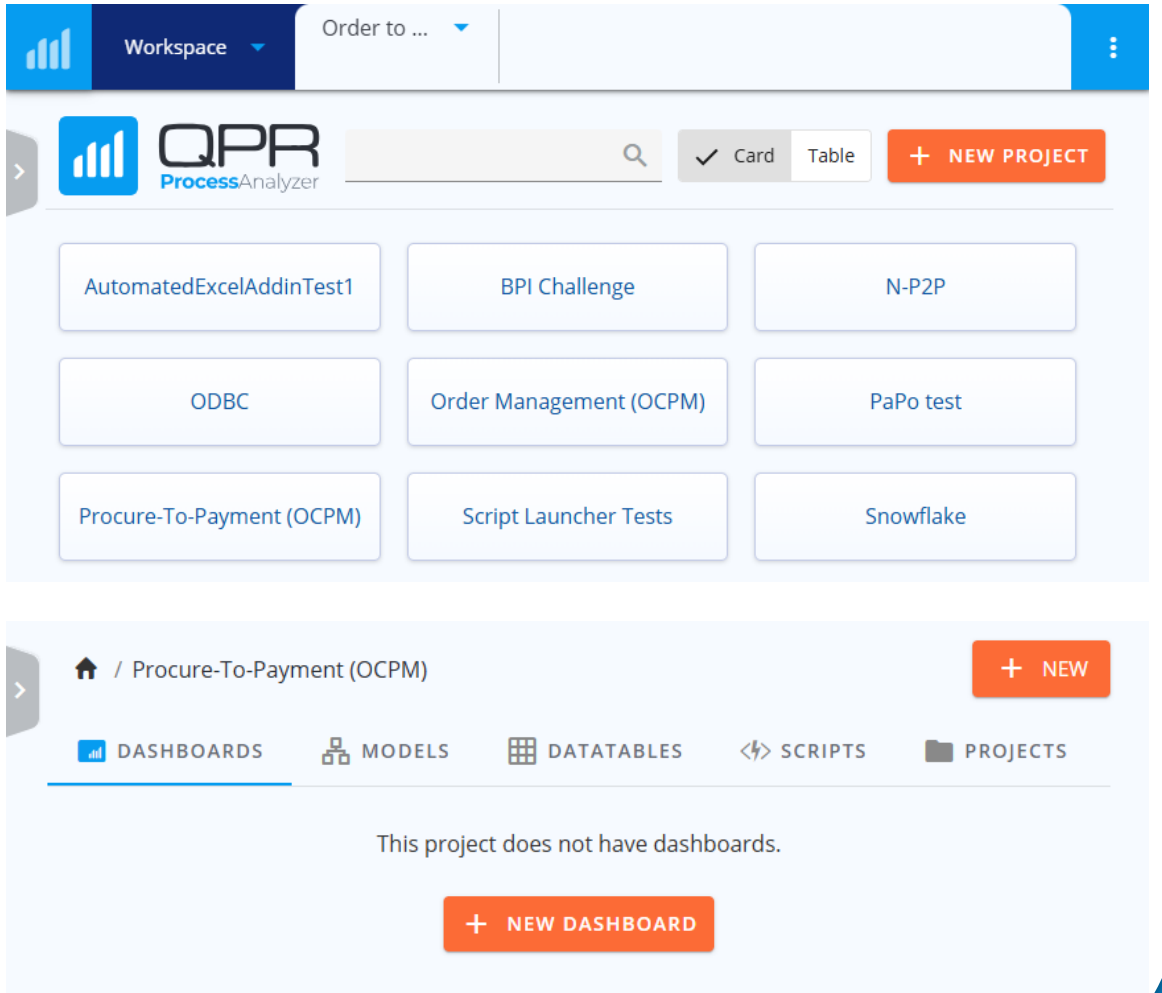
- Object-centric models can be filtered by object attributes, enabling filtering that works across all charts
- Filter can be created:
  - For entire dashboard from header
  - For individual chart/flowchart in chart settings
  - Selecting items from charts
- Object-to-object relations are followed only in forward and backward directions
  - Applied for both in the perspective creating and filtering
- Performance improvements for object-centric models





UI streamlined by removing Home view and adding card layout to Workspace

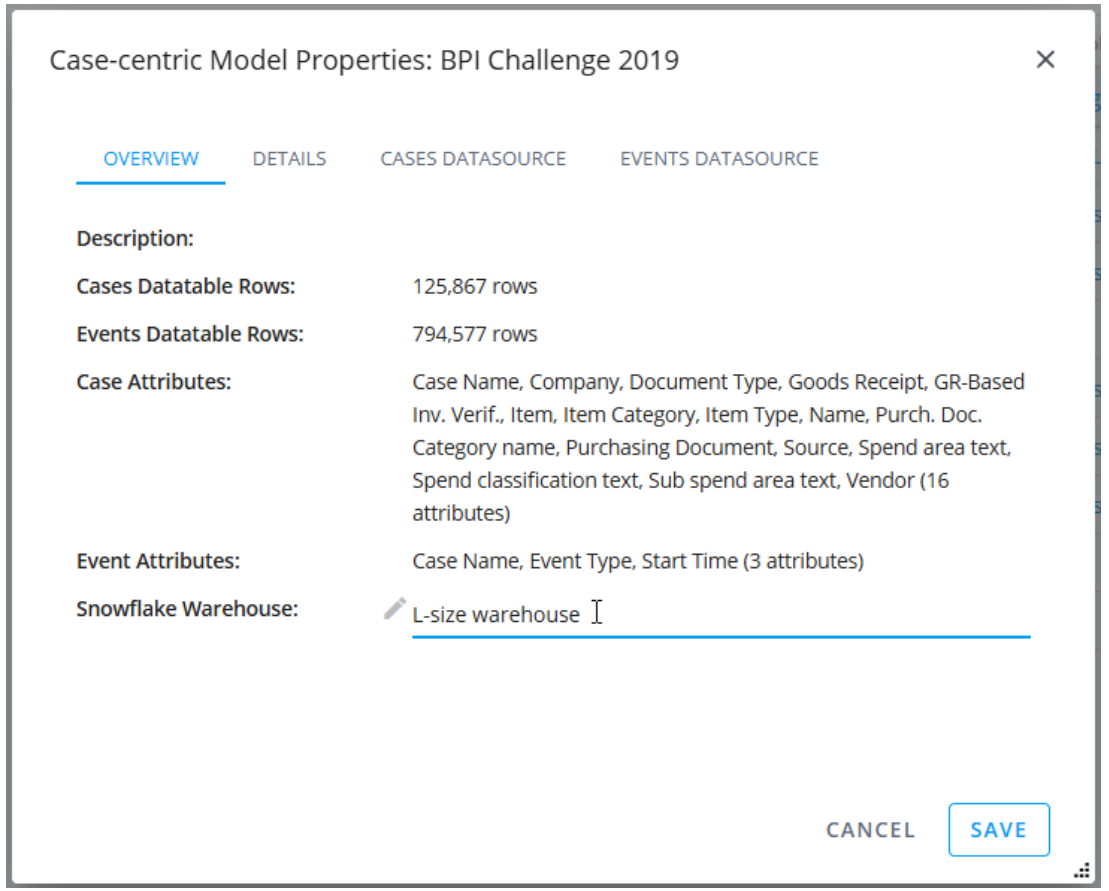
- Home screen has been removed
  - Ready-made dashboards are available in the navigation menu
  - Dashboards can be opened with two clicks after login
- Workspace has new *card layout* showing projects for easier content browsing
  - Cards can be searched
  - Card layout is optimal for mobile
  - Editing operations are in the table layout only
- New dashboards etc. can be created more easily as button to create new object is shown if there are no items
- Workspace shows the **Snowflake location** in project's table layout (database and schema)



Snowflake warehouse can be specified for each model

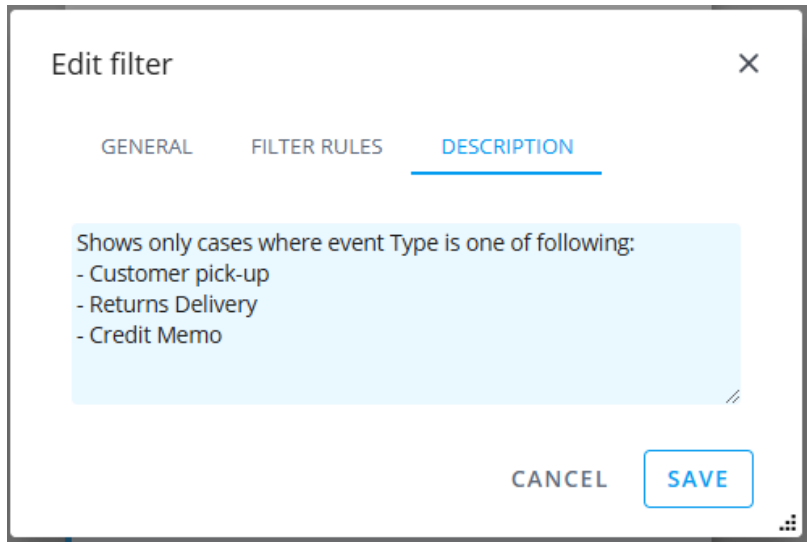
- Model settings has **Snowflake warehouse** field for specifying name of the Snowflake warehouse used for model's queries
  - Warehouse needs to be created beforehand to Snowflake – trying to use non-existing warehouse will show error
  - If field is empty, warehouse specified in Snowflake connection string is used
- Use case: Larger models can use larger warehouse – no need to use project-specific connection string
- It's recommended to use smallest warehouse in the connection string because it's used e.g., in datatable preview

wiki.onqpr.com/pa/index.php/QPR_ProcessAnalyzer_Project_Workspace#Change_Snowflake_Warehouse_for_Model



Other improvements

- Non-existing event types are now allowed to be selected in charts
  - Error message was shown earlier
- Description field is available in filter properties dialog for adding explanation for filters



- Snowflake: Changed tables variable actions to use stringified format
  - Variables are now compatible with linked settings
- Improved detection of models with invalid datasource configuration
  - Note: String type of data is not anymore accepted in events timestamp column
  - Detection is provided by the *CheckModelValidity* function

wiki.onqpr.com/pa/index.php/QPR_ProcessAnalyzer_Objects_in_Expression_Language#CheckModelValidity